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| | | | |
|--|---|--------|---|
| NEWS | 1 | | Web Page for STN Seminar Schedule - N. America |
| NEWS | 2 | AUG 15 | CAOLD to be discontinued on December 31, 2008 |
| NEWS | 3 | OCT 07 | EPFULL enhanced with full implementation of EPC2000 |
| NEWS | 4 | OCT 07 | Multiple databases enhanced for more flexible patent number searching |
| NEWS | 5 | OCT 22 | Current-awareness alert (SDI) setup and editing enhanced |
| NEWS | 6 | OCT 22 | WPIDS, WPINDEX, and WPIX enhanced with Canadian PCT Applications |
| NEWS | 7 | OCT 24 | CHEMLIST enhanced with intermediate list of pre-registered REACH substances |
| NEWS | 8 | NOV 21 | CAS patent coverage to include exemplified prophetic substances identified in English-, French-, German-, and Japanese-language basic patents from 2004-present |
| NEWS | 9 | NOV 26 | MARPAT enhanced with FSORT command |
| NEWS | 10 | NOV 26 | MEDLINE year-end processing temporarily halts availability of new fully-indexed citations |
| NEWS | 11 | NOV 26 | CHEMSAFE now available on STN Easy |
| NEWS | 12 | NOV 26 | Two new SET commands increase convenience of STN searching |
| NEWS | 13 | DEC 01 | ChemPort single article sales feature unavailable |
| NEWS | 14 | DEC 12 | GBFULL now offers single source for full-text coverage of complete UK patent families |
| NEWS | 15 | DEC 17 | Fifty-one pharmaceutical ingredients added to PS |
| NEWS | 16 | JAN 06 | The retention policy for unread STNmail messages will change in 2009 for STN-Columbus and STN-Tokyo |
| NEWS | 17 | JAN 07 | WPIDS, WPINDEX, and WPIX enhanced Japanese Patent Classification Data |
| | | | |
| NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3, AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008. | | | |
| | | | |
| NEWS HOURS | STN Operating Hours Plus Help Desk Availability | | |
| NEWS LOGIN | Welcome Banner and News Items | | |
| NEWS IPC8 | For general information regarding STN implementation of IPC 8 | | |

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

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=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.22

0.22

FILE 'REGISTRY' ENTERED AT 09:57:36 ON 13 JAN 2009

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STRUCTURE FILE UPDATES: 11 JAN 2009 HIGHEST RN 1093181-04-4

DICTIONARY FILE UPDATES: 11 JAN 2009 HIGHEST RN 1093181-04-4

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2
11
12

12
11
9

chain nodes :

9 11 12

ring nodes :

1 2 3 4 5 6 7 8
chain bonds :
2-9 11-12
ring bonds :
1-2 1-5 2-3 3-4 3-6 4-5 4-8 6-7 7-8
exact/norm bonds :
1-2 1-5 2-3 2-9 3-4 3-6 4-5 4-8 6-7 7-8 11-12
isolated ring systems :
containing 1 :

G1:O,S,N,SO2, [*1]

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:CLASS 11:CLASS
12:CLASS

L1 STRUCTURE UPLOADED

=> d L1
L1 HAS NO ANSWERS
L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> file caplus
COST IN U.S. DOLLARS
FULL ESTIMATED COST

| | SINCE FILE ENTRY | TOTAL SESSION |
|--|---------------------|------------------|
| | 0.48 | 0.70 |

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FILE COVERS 1907 - 13 Jan 2009 VOL 150 ISS 3
FILE LAST UPDATED: 12 Jan 2009 (20090112/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s l1 sss full

REGISTRY INITIATED

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Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

FULL SEARCH INITIATED 09:58:02 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 651 TO ITERATE

100.0% PROCESSED 651 ITERATIONS

550 ANSWERS

SEARCH TIME: 00.00.01

L2 550 SEA SSS FUL L1

L3 22 L2

=> d ibib abs hitstr 1-

YOU HAVE REQUESTED DATA FROM 22 ANSWERS - CONTINUE? Y/(N):y

L3 ANSWER 1 OF 22 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:888806 CAPLUS Full-text

DOCUMENT NUMBER: 149:200948

TITLE: Preparation of substituted arylamine derivatives
useful for the treatment of pain, inflammation and
cancer

INVENTOR(S): Barbosa, Joseph; Baugh, Simon D. P.; Han, Qiang;
Lombardo, Victoria K.; Nguyen, Huy Van; Pabba, Praveen
K.; Terranova, Kristen M.

PATENT ASSIGNEE(S): Lexicon Pharmaceuticals, Inc., USA

SOURCE: PCT Int. Appl., 111pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

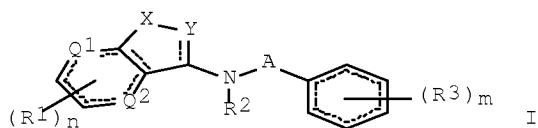
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|--|----------|-----------------|----------|
| ----- | ---- | ----- | ----- | ----- |
| WO 2008089307 | A2 | 20080724 | WO 2008-US51273 | 20080117 |
| WO 2008089307 | A3 | 20081106 | | |
| W: | AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW | | | |
| RW: | AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA | | | |

US 20080194557 A1 20080814 US 2008-15714 20080117
 PRIORITY APPLN. INFO.: US 2007-881090P P 20070118
 OTHER SOURCE(S): MARPAT 149:200948
 GI



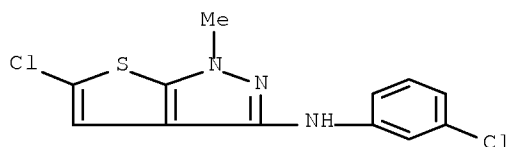
AB This invention relates to methods of treating, managing and preventing pain, inflammation, cancer, and ocular diseases and disorders, and to compds. and pharmaceutical compns. useful in such methods. Compds. of formula I [Q1 = CR1, CHR1, N or NR1; Q2 = CR1, CHR1, N or NR1; X = S, O, C(R4R5) or N(R4); Y = C(R4), C(R4R5), N or N(R4); A = bond, CH2, C(O) or SO2; R1 and R3 independently = H, CN, NO2, halo, (un)substituted alkyl, aryl, alkylaryl, arylalkyl, etc.; R2 = H or (un)substituted alkyl; R4 and R5 independently = H or (un)substituted alkyl, aryl, alkylaryl, arylalkyl, heterocycle, alkylheterocycle or heterocyclealkyl; n = 1-4; m = 1-5], and their pharmaceutically acceptable salts or solvates, are prepared and disclosed as potent Δ^5 -desaturase inhibitors. Thus, e.g., N-(3-chlorophenyl)isoquinolin-1-amine was prepared by condensation reaction of 1-chloroisoquinoline with 3-chloroaniline. I are potent Δ^5 -desaturase inhibitors, e.g., some compds. had IC50 values of < 250 nM. Certain compds. inhibited Δ^5 -desaturase in vivo by greater than 75% at about 60 mpk.

IT 1041614-39-4P, (5-Chloro-1-methyl-1H-thieno[2,3-c]pyrazol-3-yl)(3-chlorophenyl)amine
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of substituted arylamine derivs. useful for the treatment of pain, inflammation and cancer)

RN 1041614-39-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazol-3-amine, 5-chloro-N-(3-chlorophenyl)-1-methyl- (CA INDEX NAME)



L3 ANSWER 2 OF 22 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2008:887545 CAPLUS Full-text

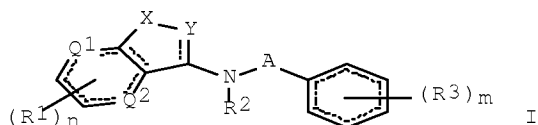
DOCUMENT NUMBER: 149:200945

TITLE: Preparation of substituted arylamine derivatives useful for the treatment of body composition disorders

INVENTOR(S): Barbosa, Joseph; Baugh, Simon D. P.; Han, Qiang; Lombardo, Victoria K.; Nguyen, Huy Van; Pabba, Praveen

K.; Terranova, Kristen M.
 PATENT ASSIGNEE(S): Lexicon Pharmaceuticals, Inc., USA
 SOURCE: PCT Int. Appl., 106pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|-------------------|----------|-----------------|------------|
| WO 2008089310 | A2 | 20080724 | WO 2008-US51277 | 20080117 |
| WO 2008089310 | A3 | 20081030 | | |
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| RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA | | | | |
| US 20080200458 | A1 | 20080821 | US 2008-15728 | 20080117 |
| PRIORITY APPLN. INFO.: | | | US 2007-880990P | P 20070118 |
| OTHER SOURCE(S): | MARPAT 149:200945 | | | |
| GI | | | | |



AB This invention relates to methods of treating, managing and preventing body composition disorders, such as obesity and diabetes, and to compds. and pharmaceutical compns. useful in such methods. Compds. of formula I [Q1 = CR1, CHR1, N or NR1; Q2 = CR1, CHR1, N or NR1; X = S, O, C(R4R5) or N(R4); Y = C(R4), C(R4R5), N or N(R4); A = bond, CH2, C(O) or SO2; R1 and R3 independently = H, CN, NO2, halo, (un)substituted alkyl, aryl, alkylaryl, arylalkyl, etc.; R2 = H or (un)substituted alkyl; R4 and R5 independently = H or (un)substituted alkyl, aryl, alkylaryl, arylalkyl, heterocycle, alkylheterocycle or heterocyclealkyl; n = 1-4; m = 1-5], and their pharmaceutically acceptable salts or solvates, are prepared and disclosed as potent Δ5-desaturase inhibitors. Thus, e.g., N-(3-chlorophenyl)isoquinolin-1-amine was prepared by condensation reaction of 1-chloroisoquinoline with 3-chloroaniline. I are potent Δ5-desaturase inhibitors, e.g., some compds. had IC50 values of < 250 nM. Certain compds. inhibited Δ5-desaturase in vivo by greater than 75% at about 60 mpk.

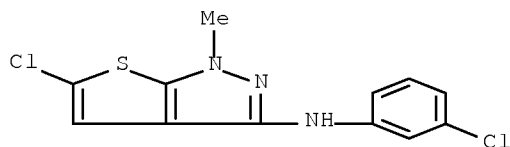
IT 1041614-39-4P, (5-Chloro-1-methyl-1H-thieno[2,3-c]pyrazol-3-yl)(3-chlorophenyl)amine
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

(Uses)

(preparation of substituted arylamine derivs. useful for the treatment of pain, inflammation and cancer)

RN 1041614-39-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazol-3-amine, 5-chloro-N-(3-chlorophenyl)-1-methyl-
(CA INDEX NAME)



L3 ANSWER 3 OF 22 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:173028 CAPLUS Full-text

DOCUMENT NUMBER: 148:426791

TITLE: Synthesis of 3-substituted-1-methyl-1H-thieno[2,3-c]pyrazoles

AUTHOR(S): Toto, Patrick; Chenault, Jacques; El Hakmaoui, Ahmed; Akssira, Mohamed; Guillaumet, Gerald

CORPORATE SOURCE: Analytic and Organic Chemistry Institute, UMR CNRS, University of Orleans, Orleans, Fr.

SOURCE: Synthetic Communications (2008), 38(5), 674-683
CODEN: SYNCAV; ISSN: 0039-7911

PUBLISHER: Taylor & Francis, Inc.

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 148:426791

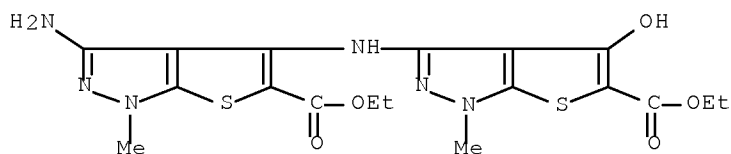
AB The authors reported a simple and practical six-step synthesis of new 1-methyl-1H-thieno[2,3-c]pyrazoles from 3-amino-1H-pyrazole-4-carboxylic acid Et ester.

IT 1017802-97-9P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of substituted-methyl-thienopyrazoles from aminopyrazole-carboxylic acid Et ester in six-steps)

RN 1017802-97-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid, 3-amino-4-[[5-(ethoxycarbonyl)-4-hydroxy-1-methyl-1H-thieno[2,3-c]pyrazol-3-yl]amino]-1-methyl-, ethyl ester (CA INDEX NAME)



REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 22 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2007:1146039 CAPLUS Full-text
 DOCUMENT NUMBER: 147:440293
 TITLE: Use of thienopyrazole derivative ABL kinase inhibitors
 for the treatment of resistant tumors, and screening
 method
 INVENTOR(S): Fancelli, Daniele; Isacchi, Antonella; Modugno,
 Michele; Moll, Jurgén; Rusconi, Luisa; Soncini,
 Chiara; Lupi, Rosita
 PATENT ASSIGNEE(S): Nerviano Medical Sciences S.r.l., Italy
 SOURCE: PCT Int. Appl., 43pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|--|----------|-----------------|------------|
| WO 2007113198 | A2 | 20071011 | WO 2007-EP53013 | 20070329 |
| WO 2007113198 | A3 | 20080320 | | |
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| RW: | AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA | | | |
| EP 2007380 | A2 | 20081231 | EP 2007-727485 | 20070329 |
| R: | AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS | | | |
| PRIORITY APPLN. INFO.: | | | EP 2006-112026 | A 20060330 |
| | | | WO 2007-EP53013 | W 20070329 |

OTHER SOURCE(S): MARPAT 147:440293

AB The invention provides low mol. weight compds., namely 1H-thieno[2,3-c]pyrazoles, showing a high affinity for the ATP pocket of ABL tyrosine kinase. These compds. are thus ATP-competitive tyrosine kinase inhibitors displaying a significant inhibitory potency also, and in particular, towards BCR-ABL inhibitor-resistant T315I ABL mutants. The compds. of the invention find a useful application in the treatment of BCR-ABL inhibitor-resistant ABL-mediated diseases, e.g. imatinib-resistant chronic myelogenous leukemia. Moreover, the invention provides a screening method for the identification of compds. capable of binding the ATP pocket of a kinase protein, in particular of the T315I mutant ABL kinase.

IT 862555-81-5 862555-87-1 862556-93-2
 862556-96-5 862556-99-8 862557-05-9
 862557-17-3 862557-20-8 862557-23-1
 862557-28-6 862557-30-0 862557-32-2
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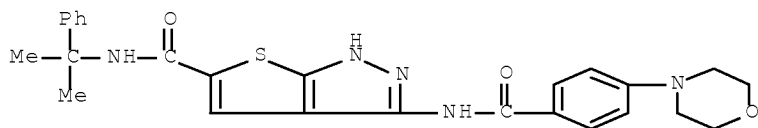
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862559-59-9

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL
(Biological study); USES (Uses)

(thienopyrazole derivative ABL kinase inhibitors for treatment of resistant
tumors, and screening method)

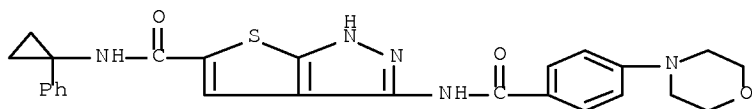
RN 862555-81-5 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
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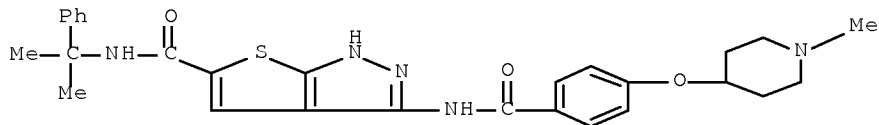
RN 862555-87-1 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[4-(4-morpholinyl)benzoyl]amino]-N-(1-phenylcyclopropyl)- (CA INDEX
NAME)



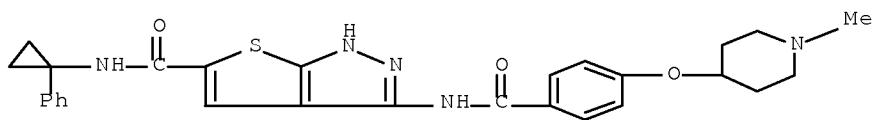
RN 862556-93-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[[4-[(1-methyl-4-
piperidinyl)oxy]benzoyl]amino]- (CA INDEX NAME)



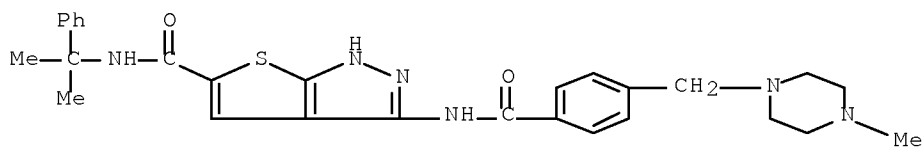
RN 862556-96-5 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[4-[(1-methyl-4-piperidinyl)oxy]benzoyl]amino]-N-(1-phenylcyclopropyl)-
(CA INDEX NAME)



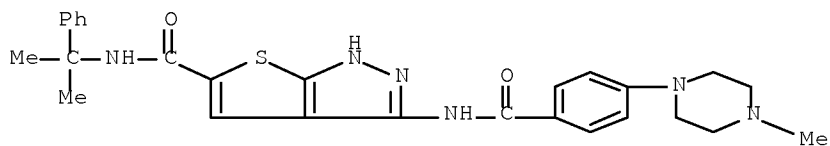
RN 862556-99-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[[4-[(4-methyl-1-
piperazinyl)methyl]benzoyl]amino]- (CA INDEX NAME)



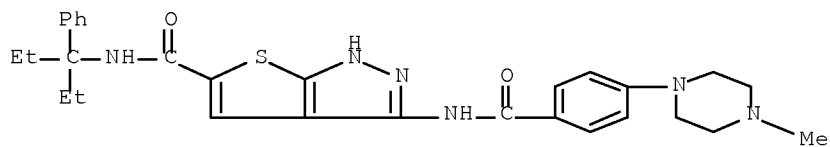
RN 862557-05-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-
(CA INDEX NAME)



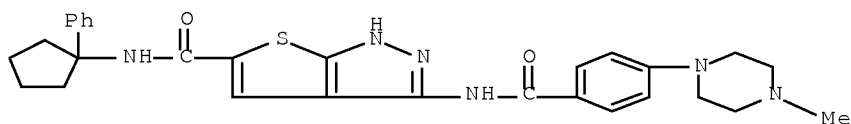
RN 862557-17-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-ethyl-1-phenylpropyl)-3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-
(CA INDEX NAME)



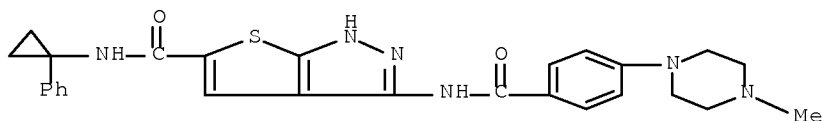
RN 862557-20-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-N-(1-phenylcyclopentyl)- (CA
INDEX NAME)



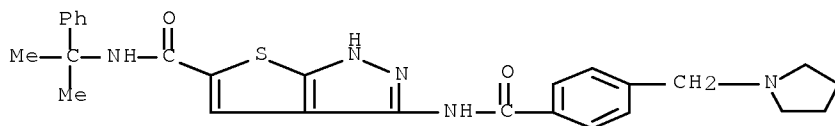
RN 862557-23-1 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-N-(1-phenylcyclopropyl)- (CA
INDEX NAME)



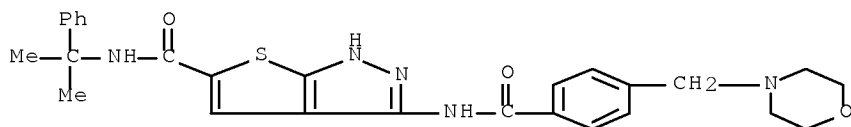
RN 862557-28-6 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[[4-(1-pyrrolidinylmethyl)benzoyl]amino]-
(CA INDEX NAME)



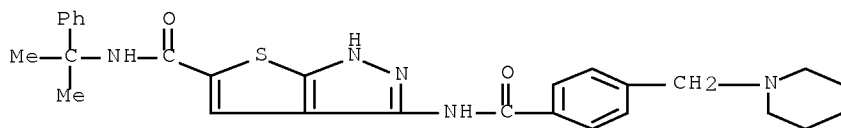
RN 862557-30-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[[4-(4-morpholinylmethyl)benzoyl]amino]- (CA
INDEX NAME)



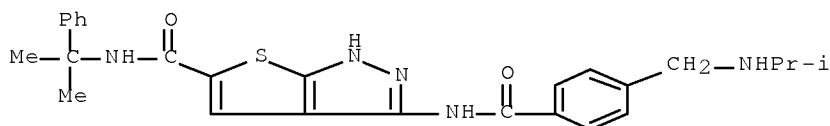
RN 862557-32-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[[4-(1-piperidinylmethyl)benzoyl]amino]- (CA
INDEX NAME)



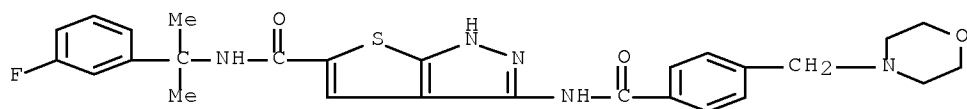
RN 862557-34-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[4-[(1-methylethyl)amino]methyl]benzoyl]amino]-N-(1-methyl-1-phenylethyl)- (CA INDEX NAME)



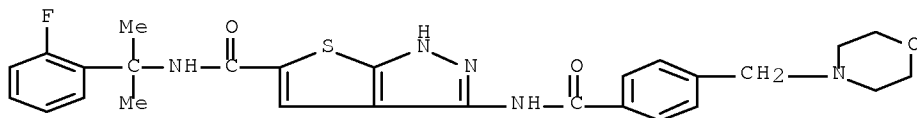
RN 862557-39-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(3-fluorophenyl)-1-methylethyl]-3-[[4-(4-morpholinylmethyl)benzoyl]amino]- (CA INDEX NAME)



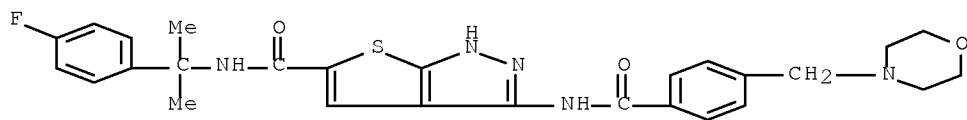
RN 862557-41-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(2-fluorophenyl)-1-methylethyl]-3-[[4-(4-morpholinylmethyl)benzoyl]amino]- (CA INDEX NAME)



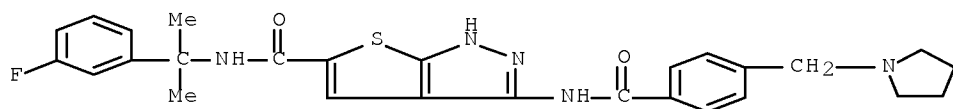
RN 862557-43-5 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(4-fluorophenyl)-1-methylethyl]-3-[[4-(4-morpholinylmethyl)benzoyl]amino]- (CA INDEX NAME)



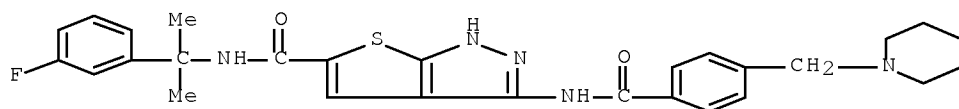
RN 862557-54-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(3-fluorophenyl)-1-methylethyl]-3-[[4-(1-
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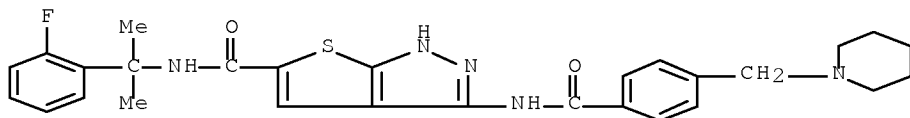
RN 862557-55-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
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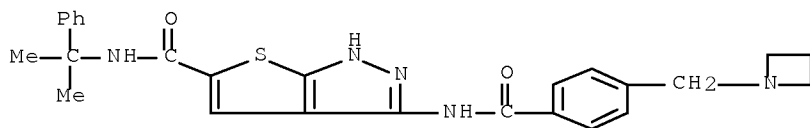
RN 862557-58-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(2-fluorophenyl)-1-methylethyl]-3-[[4-(1-
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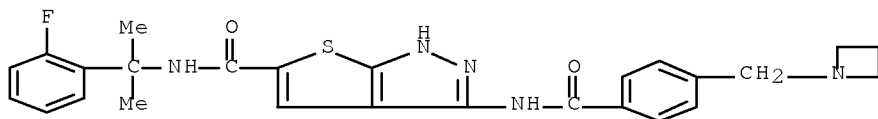
RN 862557-61-7 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[4-(1-azetidinylmethyl)benzoyl]amino]-N-(1-methyl-1-phenylethyl)- (CA
INDEX NAME)



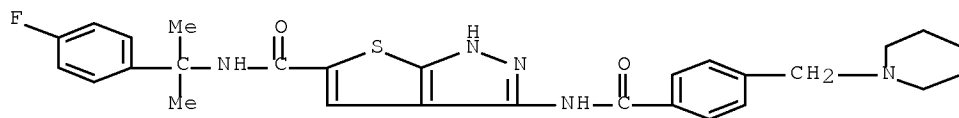
RN 862557-64-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
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methylethyl]- (CA INDEX NAME)



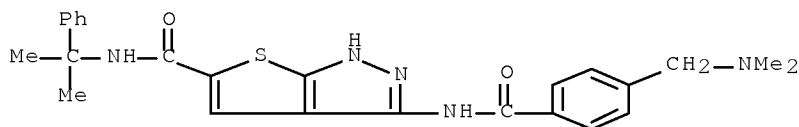
RN 862557-75-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
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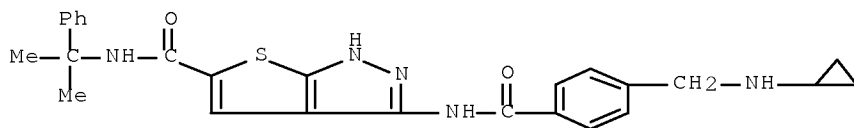
RN 862557-79-7 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[4-[(dimethylamino)methyl]benzoyl]amino]-N-(1-methyl-1-phenylethyl)-
(CA INDEX NAME)



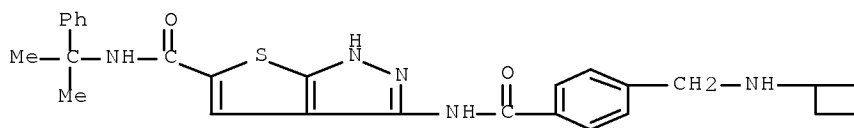
RN 862557-81-1 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[4-[(cyclopropylamino)methyl]benzoyl]amino]-N-(1-methyl-1-phenylethyl)-
(CA INDEX NAME)



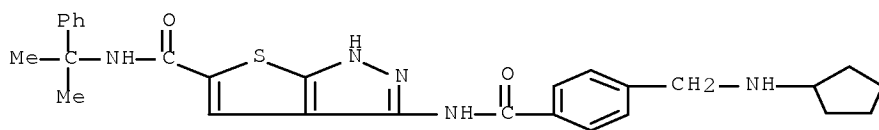
RN 862557-83-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
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(CA INDEX NAME)



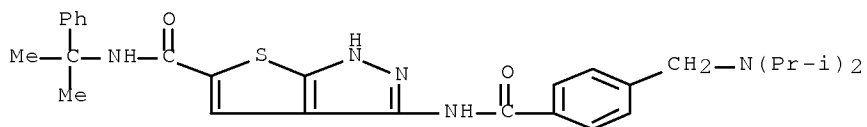
RN 862557-86-6 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
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(CA INDEX NAME)



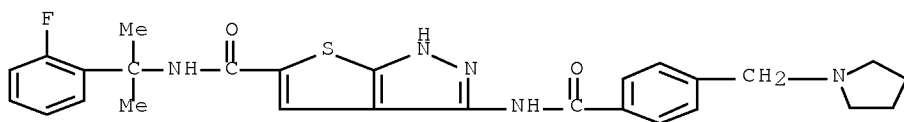
RN 862557-88-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[4-[[bis(1-methylethyl)amino]methyl]benzoyl]amino]-N-(1-methyl-1-phenylethyl)-
(CA INDEX NAME)



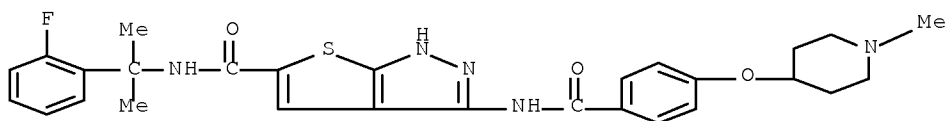
RN 862557-92-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(2-fluorophenyl)-1-methylethyl]-3-[[4-(1-pyrrolidinylmethyl)benzoyl]amino]-
(CA INDEX NAME)



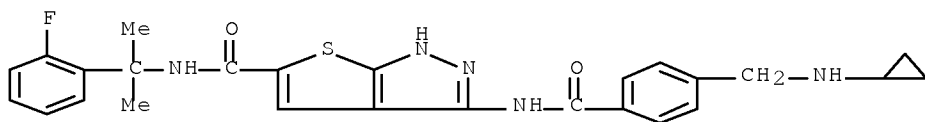
RN 862558-27-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(2-fluorophenyl)-1-methylethyl]-3-[[4-[(1-methyl-4-
piperidinyl)oxy]benzoyl]amino]- (CA INDEX NAME)



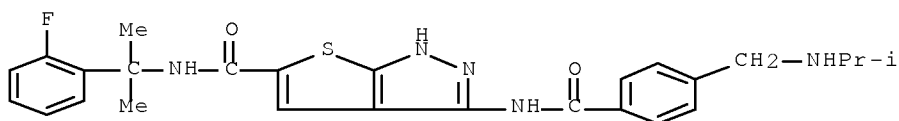
RN 862558-40-5 CAPLUS

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methylethyl]- (CA INDEX NAME)



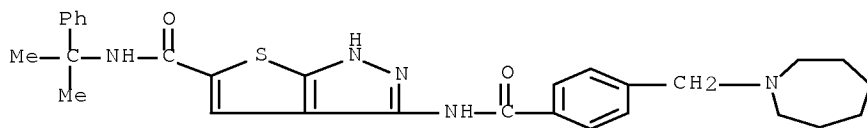
RN 862558-44-9 CAPLUS

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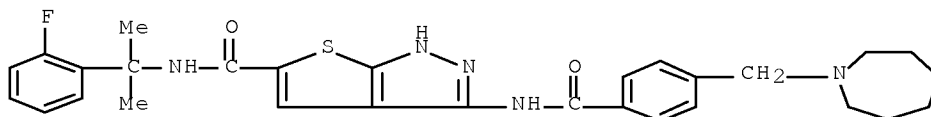
RN 862558-48-3 CAPLUS

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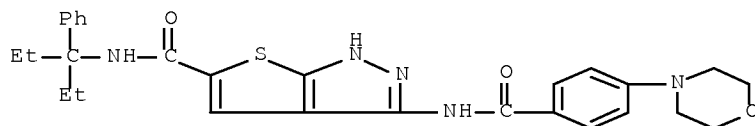
RN 862558-50-7 CAPLUS

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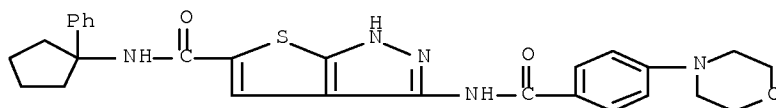
RN 862559-05-5 CAPLUS

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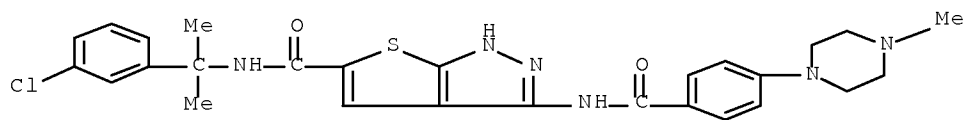
RN 862559-07-7 CAPLUS

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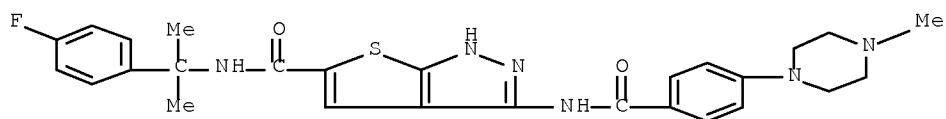
RN 862559-08-8 CAPLUS

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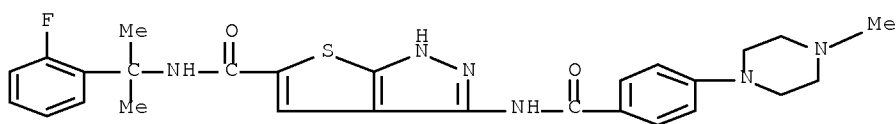
RN 862559-17-9 CAPLUS

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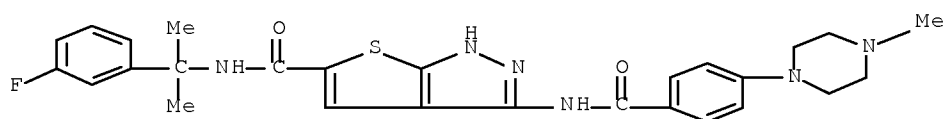
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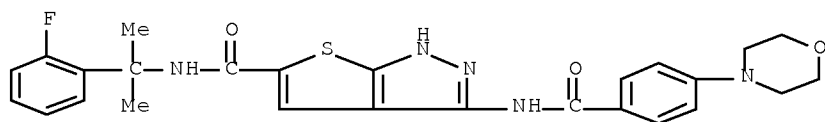
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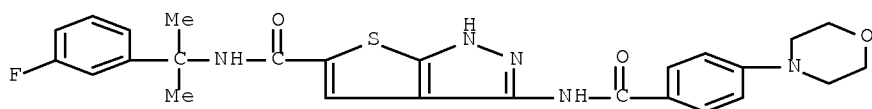
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CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(2-fluorophenyl)-1-methylethyl]-3-[[4-(4-morpholinyl)benzoyl]amino]-
(CA INDEX NAME)



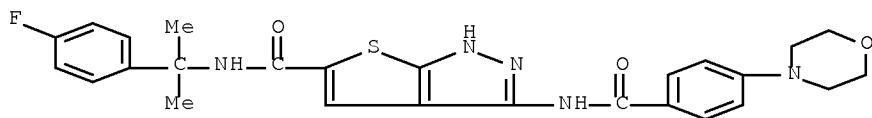
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CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(3-fluorophenyl)-1-methylethyl]-3-[[4-(4-morpholinyl)benzoyl]amino]-
(CA INDEX NAME)



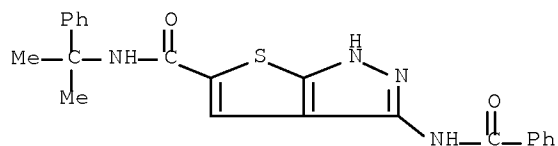
RN 862559-34-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(4-fluorophenyl)-1-methylethyl]-3-[[4-(4-morpholinyl)benzoyl]amino]-
(CA INDEX NAME)



RN 862559-59-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-(benzoylamino)-N-(1-methyl-1-phenylethyl)- (CA INDEX NAME)



L3 ANSWER 5 OF 22 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2007:85753 CAPLUS Full-text

DOCUMENT NUMBER: 146:184454

TITLE: Preparation of 1H-thieno[2,3-c]pyrazoles as kinase,
particularly Aurora kinases and IGF-1R inhibitors for
treating cancer

INVENTOR(S): Fancelli, Daniele; Moll, Juergen; Pulici, Maurizio;
Quartieri, Francesca; Bandiera, Tiziano

PATENT ASSIGNEE(S): Nerviano Medical Sciences S.r.l., Italy
 SOURCE: PCT Int. Appl., 69pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|-------------------|--|------------|
| ----- | ---- | ----- | ----- | ----- |
| WO 2007009898 | A1 | 20070125 | WO 2006-EP64055 | 20060710 |
| W: | | | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW | |
| RW: | | | AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | |
| EP 1904503 | A1 | 20080402 | EP 2006-764123 | 20060710 |
| R: | | | AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR | |
| PRIORITY APPLN. INFO.: | | | EP 2005-106602 | A 20050719 |
| | | | WO 2006-EP64055 | W 20060710 |
| OTHER SOURCE(S): | | MARPAT 146:184454 | | |
| GI | | | | |

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Title compds. I [A = hetero/aryl on which the substituent -NHZR5 is at the ortho position to the CONH linker; R1, R2 = independently H, alkyl, CONH2, etc.; or R1CR2 = cycloalkyl; R3 = H, halo, OH, CN, alkyl, di/alkylamino, alkoxy; R4 = H, halo, alkoxy, azetidin-1-yl, pyrrolidin-1-yl, piperidin-1-yl, etc.; Z = a bond, CO, C(:O)NH; R5 = H, (un)substituted cycloalkyl, alk(en)yl, aryl, etc.; and their isomers, tautomers, carriers, metabolites, prodrugs, and pharmaceutically acceptable salts] were prepared as protein kinase, especially Aurora kinases and IGF-1R, inhibitors. I, and their pharmaceutical compns., are useful in the treatment of diseases caused by and/or associated with a dysregulated protein kinase, such as cancer and cell proliferation disorders. E.g., a multi-step synthesis starting from Et 4-cyano-5-(methylthio)thiophene-2-carboxylate was given for thienopyrazole II. II was tested as Aurora-2 kinase inhibitor (IC50 = 6 nM) and for its HCT-116 colon cancer cell antiproliferative effect (IC50 = 7 nM).

IT 921768-48-1P, 3-[2-[[[(1H-Pyrrol-2-yl)carbonyl]amino]benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid (1-methyl-1-phenylethyl)amide 921768-49-2P, 3-[2-[[[(1H-Pyrrol-2-yl)carbonyl]amino]benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid [1-(2-fluorophenyl)-1-methylethyl]amide 921768-50-5P, 3-[2-((E)-2-Cyano-3-hydroxybut-2-enoylamino)benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid (1-methyl-1-phenylethyl)amide 921768-51-6P, 3-[2-[[[(Tetrahydropyran-4-yl)carbonyl]amino]benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid (1-methyl-1-phenylethyl)amide 921768-52-7P,

3-[2-[[(5-Methyl-1H-pyrazol-3-yl)carbonyl]amino]benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid (1-methyl-1-phenylethyl)amide 921768-53-8P, 3-[2-[[(Furan-2-yl)carbonyl]amino]benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid (1-methyl-1-phenylethyl)amide 921768-54-9P, 3-[2-[[(Furan-3-yl)carbonyl]amino]benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid (1-methyl-1-phenylethyl)amide 921768-55-0P, 3-[2-[[(2-Ethyl-5-methyl-2H-pyrazol-3-yl)carbonyl]amino]benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid (1-methyl-1-phenylethyl)amide 921768-56-1P, 3-[2-(Isobutanoylamino)benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid (1-methyl-1-phenylethyl)amide 921768-57-2P, 3-[2-[[(2-Methyl-2H-pyrazol-3-yl)carbonyl]amino]benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid (1-methyl-1-phenylethyl)amide 921768-58-3P, 3-[2-[[(1-Methyl-1H-pyrazol-3-yl)carbonyl]amino]benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid (1-methyl-1-phenylethyl)amide 921768-59-4P, 3-[2-[[(1-Methyl-1H-pyrrol-2-yl)carbonyl]amino]benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid (1-methyl-1-phenylethyl)amide 921768-60-7P, 3-[2-[[(Thiazol-4-yl)carbonyl]amino]benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid (1-methyl-1-phenylethyl)amide 921768-61-8P, 3-[2-[[(1H-Pyrrol-3-yl)carbonyl]amino]benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid (1-methyl-1-phenylethyl)amide 921768-62-9P, 3-[2-[[(1H-Imidazol-2-yl)carbonyl]amino]benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid (1-methyl-1-phenylethyl)amide 921768-63-0P 921768-64-1P, 3-[2-[[(1-Methyl-1H-imidazol-2-yl)carbonyl]amino]benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid (1-methyl-1-phenylethyl)amide 921768-65-2P, 3-[2-[[(Phenylacetyl)amino]benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid (1-methyl-1-phenylethyl)amide 921768-66-3P, 3-[2-[[(Thien-2-yl)carbonyl]amino]benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid (1-methyl-1-phenylethyl)amide 921768-67-4P, 3-[2-[[(Thien-3-yl)carbonyl]amino]benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid (1-methyl-1-phenylethyl)amide 921768-68-5P, 3-(2-Acetylaminobenzoylamino)-1H-thieno[2,3-c]pyrazole-5-carboxylic acid (1-methyl-1-phenylethyl)amide 921768-69-6P, 3-[2-[[(Tetrahydropyran-4-yl)amino]benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid (1-methyl-1-phenylethyl)amide 921768-70-9P, 3-[2-(2-Fluorobenzoylamino)benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid (1-methyl-1-phenylethyl)amide 921768-71-0P, 3-[2-[4-(4-Methylpiperazin-1-yl)benzoylamino]benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid (1-methyl-1-phenylethyl)amide 921768-72-1P, 3-[2-[[4-[(Morpholin-4-yl)methyl]benzoyl]amino]benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid (1-methyl-1-phenylethyl)amide 921768-73-2P, 3-[2-[[4-[(Piperidin-1-yl)methyl]benzoyl]amino]benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid (1-methyl-1-phenylethyl)amide 921768-74-3P, 3-[2-[[4-[(Pyrrolidin-1-yl)methyl]benzoyl]amino]benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid (1-methyl-1-phenylethyl)amide 921768-75-4P, 3-[2-(2-Methylbenzoylamino)benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid (1-methyl-1-phenylethyl)amide 921768-76-5P, 3-[2-(2-Methoxybenzoylamino)benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid (1-methyl-1-phenylethyl)amide 921768-77-6P, 3-[2-(4-Methylbenzoylamino)benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid (1-methyl-1-phenylethyl)amide 921768-78-7P, 3-[2-(4-Methoxybenzoylamino)benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid (1-methyl-1-phenylethyl)amide 921768-79-8P, 3-[2-(4-Fluorobenzoylamino)benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid (1-methyl-1-phenylethyl)amide 921768-80-1P 921768-81-2P,

3-(2-Acetylaminobenzoylamino)-1H-thieno[2,3-c]pyrazole-5-carboxylic acid
 [1-(2-fluorophenyl)-1-methylethyl]amide 921768-82-3P,
 3-[2-((E)-2-Cyano-3-hydroxybut-2-enoylamino)benzoylamino]-1H-thieno[2,3-
 c]pyrazole-5-carboxylic acid [1-(2-fluorophenyl)-1-methylethyl]amide
 921768-83-4P, 3-[2-[[[Tetrahydropyran-4-
 yl)carbonyl]amino]benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid
 [1-(2-fluorophenyl)-1-methylethyl]amide 921768-84-5P,
 3-[2-[[[Furan-2-yl)carbonyl]amino]benzoylamino]-1H-thieno[2,3-c]pyrazole-5-
 carboxylic acid [1-(2-fluorophenyl)-1-methylethyl]amide
 921768-85-6P, 3-[2-[[[2-Ethyl-5-methyl-2H-pyrazol-3-
 yl)carbonyl]amino]benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid
 [1-(2-fluorophenyl)-1-methylethyl]amide 921768-86-7P
 921768-87-8P, 3-[4-(4-Methylpiperazin-1-yl)-2-[[[tetrahydropyran-4-
 yl)carbonyl]amino]benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid
 (1-methyl-1-phenylethyl)amide 921768-88-9P,
 3-[4-(4-Methylpiperazin-1-yl)-2-[[[5-methyl-1H-pyrazol-3-
 yl)carbonyl]amino]benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid
 (1-methyl-1-phenylethyl)amide 921768-89-0P,
 3-[2-[[[Furan-2-yl)carbonyl]amino]-4-(4-methylpiperazin-1-yl)benzoylamino]-
 1H-thieno[2,3-c]pyrazole-5-carboxylic acid (1-methyl-1-phenylethyl)amide
 921768-90-3P, 3-[2-[[[2-Ethyl-5-methyl-2H-pyrazol-3-
 yl)carbonyl]amino]-4-(4-methylpiperazin-1-yl)benzoylamino]-1H-thieno[2,3-
 c]pyrazole-5-carboxylic acid (1-methyl-1-phenylethyl)amide
 921768-91-4P, 3-[4-(4-Methylpiperazin-1-yl)-2-[[[1H-pyrrol-2-
 yl)carbonyl]amino]benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid
 (1-methyl-1-phenylethyl)amide 921768-92-5P,
 3-[2-((E)-2-Cyano-3-hydroxybut-2-enoylamino)-4-(4-methylpiperazin-1-
 yl)benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid
 [1-(2-fluorophenyl)-1-methylethyl]amide 921768-93-6P,
 3-[4-(4-Methylpiperazin-1-yl)-2-[[[tetrahydropyran-4-
 yl)carbonyl]amino]benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid
 [1-(2-fluorophenyl)-1-methylethyl]amide 921768-94-7P,
 3-[4-(4-Methylpiperazin-1-yl)-2-[[[5-methyl-1H-pyrazol-3-
 yl)carbonyl]amino]benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid
 [1-(2-fluorophenyl)-1-methylethyl]amide 921768-95-8P,
 3-[2-[[[Furan-2-yl)carbonyl]amino]-4-(4-methylpiperazin-1-yl)benzoylamino]-
 1H-thieno[2,3-c]pyrazole-5-carboxylic acid
 [1-(2-fluorophenyl)-1-methylethyl]amide 921768-96-9P,
 3-[2-[[[2-Ethyl-5-methyl-2H-pyrazol-3-yl)carbonyl]amino]-4-(4-
 methylpiperazin-1-yl)benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic
 acid [1-(2-fluorophenyl)-1-methylethyl]amide 921768-97-0P,
 3-[4-(4-Methylpiperazin-1-yl)-2-[[[1H-pyrrol-2-
 yl)carbonyl]amino]benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid
 [1-(2-fluorophenyl)-1-methylethyl]amide 921768-98-1P,
 3-[2-[[[1H-Pyrrol-2-yl)carbonyl]amino]benzoylamino]-1H-thieno[2,3-
 c]pyrazole-5-carboxylic acid benzylamide 921768-99-2P,
 3-[[2-[[[1H-Pyrrol-2-yl)carbonyl]amino]benzoyl]amino]-1H-thieno[2,3-
 c]pyrazole-5-carboxylic acid N-((R)-1-phenylethyl)amide
 921769-14-4P, 3-[2-[[[5-Methylisoxazol-4-
 yl)carbonyl]amino]benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid
 (1-methyl-1-phenylethyl)amide 921769-15-5P,
 3-[2-[[[5-Methylisoxazol-4-yl)carbonyl]amino]benzoylamino]-1H-thieno[2,3-
 c]pyrazole-5-carboxylic acid [1-(2-fluorophenyl)-1-methylethyl]amide
 921769-16-6P, 3-[2-[[[5-Methylisoxazol-4-yl)carbonyl]amino]-4-(4-
 methylpiperazin-1-yl)benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic
 acid (1-methyl-1-phenylethyl)amide 921769-17-7P,
 3-[2-[[[5-Methylisoxazol-4-yl)carbonyl]amino]-4-(4-methylpiperazin-1-
 yl)benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid
 [1-(2-fluorophenyl)-1-methylethyl]amide

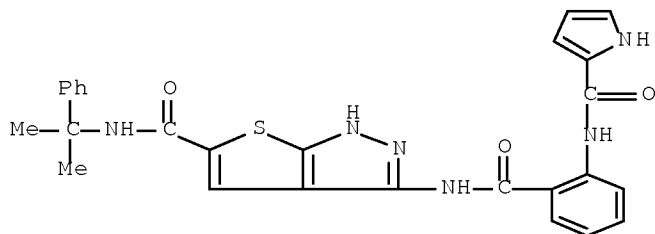
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU

(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)

(drug candidate; preparation of thienopyrazoles as kinase inhibitors for
treating cancer)

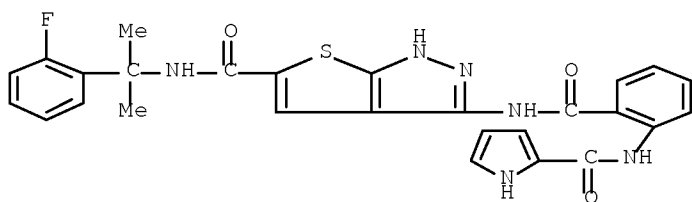
RN 921768-48-1 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[[2-[(1H-pyrrol-2-
ylcarbonyl)amino]benzoyl]amino]- (CA INDEX NAME)



RN 921768-49-2 CAPLUS

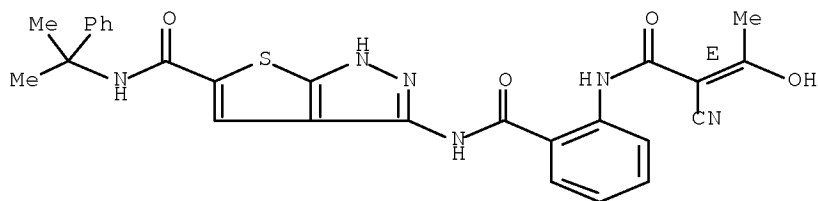
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(2-fluorophenyl)-1-methylethyl]-3-[[2-[(1H-pyrrol-2-
ylcarbonyl)amino]benzoyl]amino]- (CA INDEX NAME)



RN 921768-50-5 CAPLUS

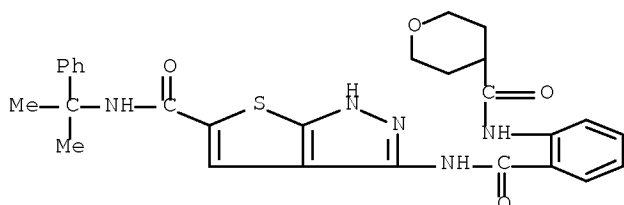
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[2-[[2-(2E)-2-cyano-3-hydroxy-1-oxo-2-buten-1-yl]amino]benzoyl]amino]-N-
(1-methyl-1-phenylethyl)- (CA INDEX NAME)

Double bond geometry as shown.

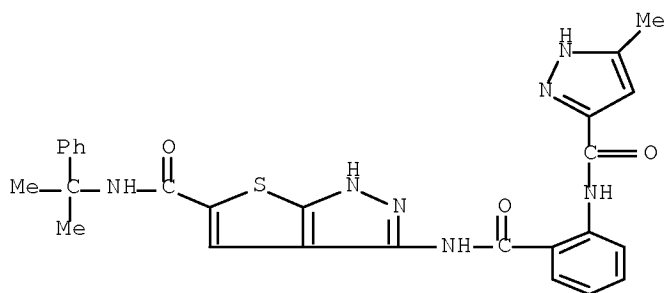


RN 921768-51-6 CAPLUS

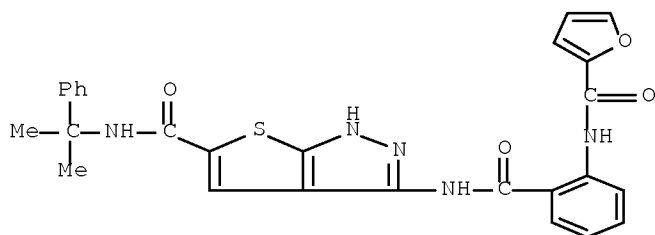
RN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
 N-(1-methyl-1-phenylethyl)-3-[[2-[[(tetrahydro-2H-pyran-4-yl)carbonyl]amino]benzoyl]amino]- (CA INDEX NAME)



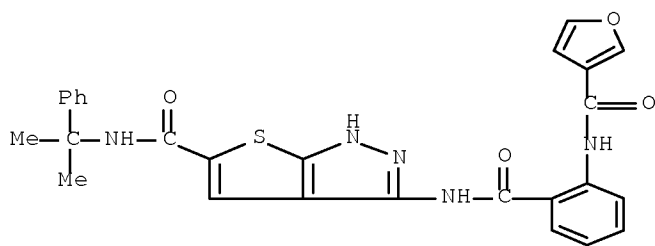
RN 921768-52-7 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
 N-(1-methyl-1-phenylethyl)-3-[[2-[[(5-methyl-1H-pyrazol-3-yl)carbonyl]amino]benzoyl]amino]- (CA INDEX NAME)



RN 921768-53-8 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
 3-[[2-[(2-furanylcarbonyl)amino]benzoyl]amino]-N-(1-methyl-1-phenylethyl)- (CA INDEX NAME)

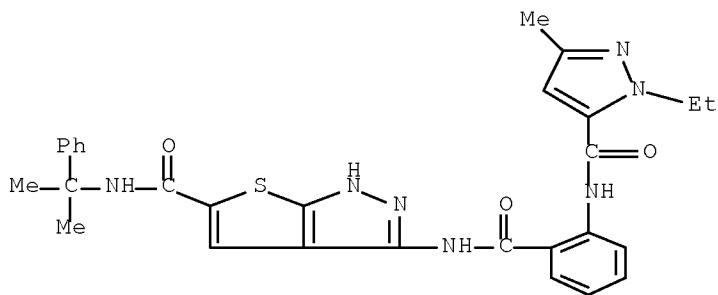


RN 921768-54-9 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
 3-[[2-[(3-furanylcarbonyl)amino]benzoyl]amino]-N-(1-methyl-1-phenylethyl)- (CA INDEX NAME)



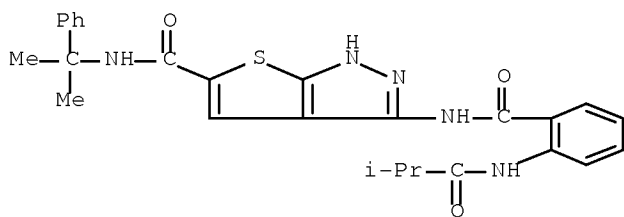
RN 921768-55-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[2-[[[(1-ethyl-3-methyl-1H-pyrazol-5-yl)carbonyl]amino]benzoyl]amino]-N-(1-methyl-1-phenylethyl)]- (CA INDEX NAME)



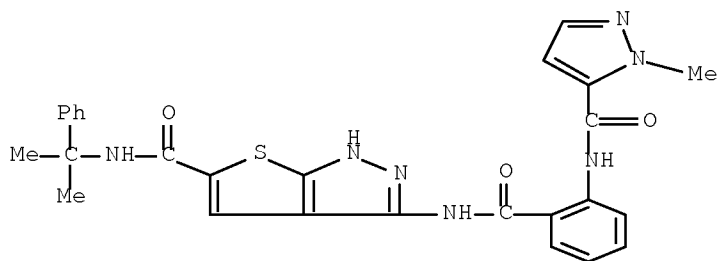
RN 921768-56-1 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[2-[(2-methyl-1-oxopropyl)amino]benzoyl]amino]-N-(1-methyl-1-phenylethyl)]- (CA INDEX NAME)



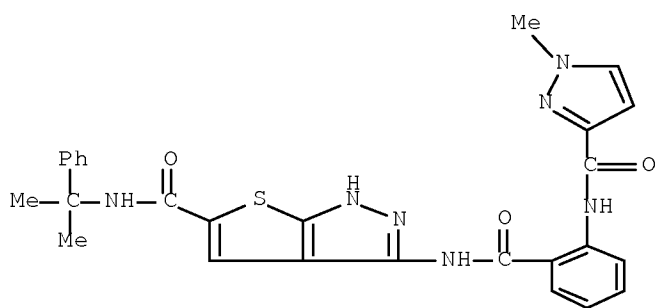
RN 921768-57-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[[2-[[[(1-methyl-1H-pyrazol-5-yl)carbonyl]amino]benzoyl]amino]]- (CA INDEX NAME)



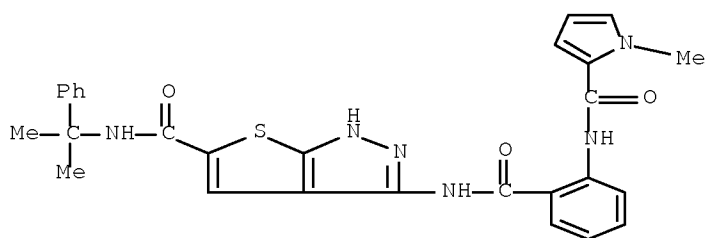
RN 921768-58-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[[2-[(1-methyl-1H-pyrazol-3-yl)carbonyl]amino]benzoyl]amino]- (CA INDEX NAME)



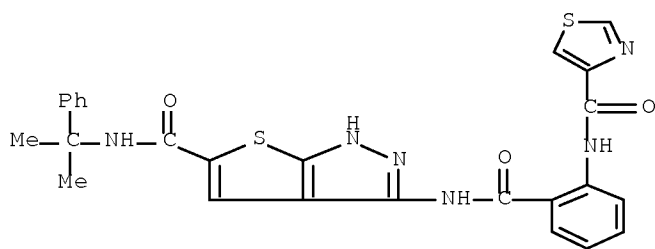
RN 921768-59-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[[2-[(1-methyl-1H-pyrrol-2-yl)carbonyl]amino]benzoyl]amino]- (CA INDEX NAME)



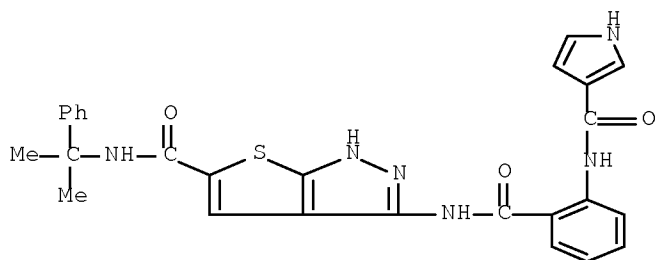
RN 921768-60-7 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[[2-(4-thiazolylcarbonyl)amino]benzoyl]amino]- (CA INDEX NAME)



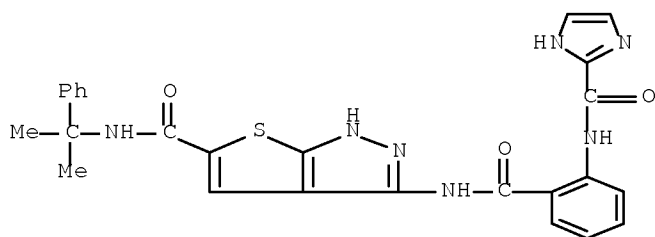
RN 921768-61-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[[2-[(1H-pyrrol-3-ylcarbonyl)amino]benzoyl]amino]- (CA INDEX NAME)



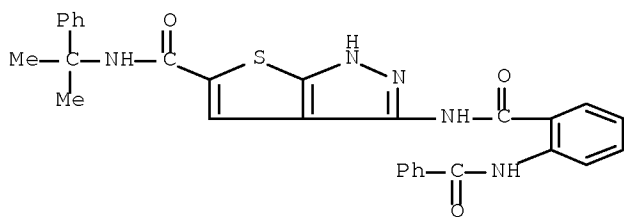
RN 921768-62-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[2-[(1H-imidazol-2-ylcarbonyl)amino]benzoyl]amino]-N-(1-methyl-1-phenylethyl)- (CA INDEX NAME)



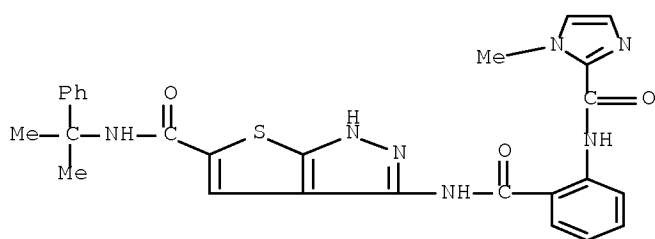
RN 921768-63-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[2-(benzoylamino)benzoyl]amino]-N-(1-methyl-1-phenylethyl)- (CA INDEX NAME)



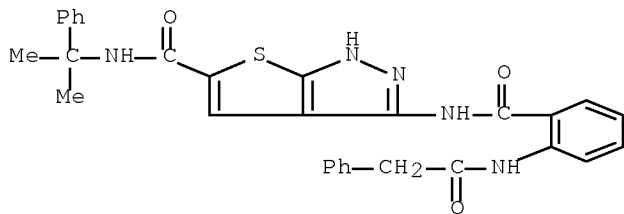
RN 921768-64-1 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[2-[[1-methyl-1H-imidazol-2-yl)carbonyl]amino]benzoyl]amino]-N-(1-methyl-1-phenylethyl)- (CA INDEX NAME)



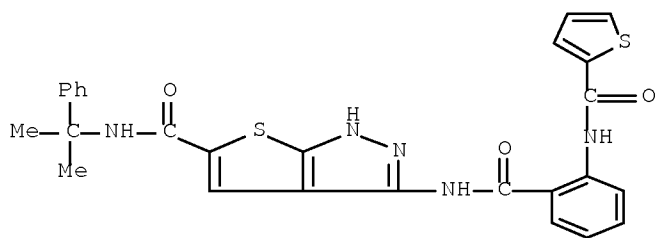
RN 921768-65-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[[2-[(2-phenylacetyl)amino]benzoyl]amino]-
(CA INDEX NAME)



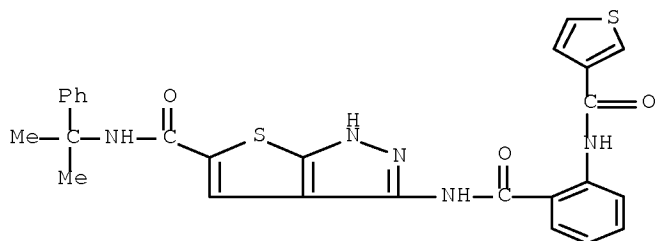
RN 921768-66-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[[2-[(2-thienylcarbonyl)amino]benzoyl]amino]-
(CA INDEX NAME)



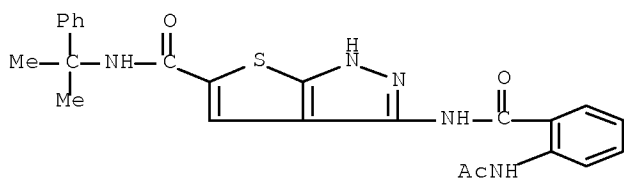
RN 921768-67-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[[2-[(3-thienylcarbonyl)amino]benzoyl]amino]-
(CA INDEX NAME)



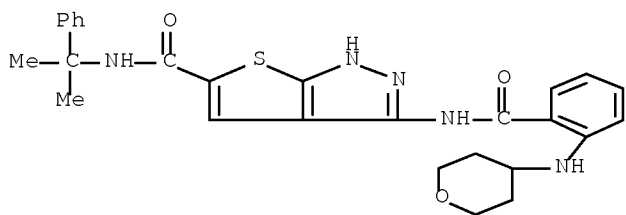
RN 921768-68-5 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[2-(acetylamino)benzoyl]amino]-N-(1-methyl-1-phenylethyl)- (CA INDEX
NAME)



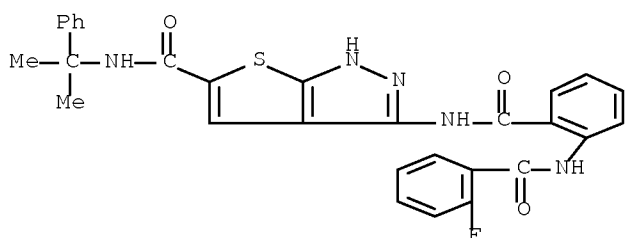
RN 921768-69-6 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[[2-[(tetrahydro-2H-pyran-4-yl)amino]benzoyl]amino]-
(CA INDEX NAME)



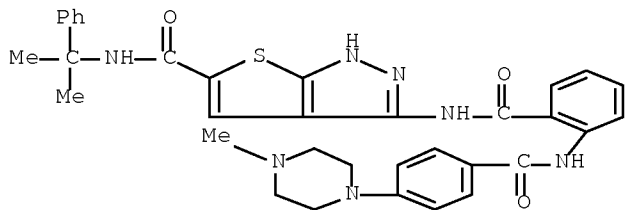
RN 921768-70-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[2-[(2-fluorobenzoyl)amino]benzoyl]amino]-N-(1-methyl-1-phenylethyl)-
(CA INDEX NAME)



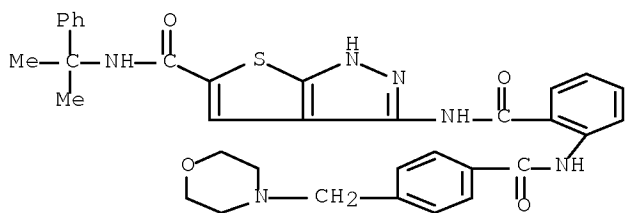
RN 921768-71-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[[2-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]benzoyl]amino]- (CA INDEX NAME)



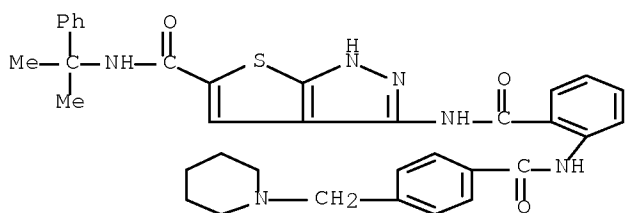
RN 921768-72-1 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[[2-[[4-(4-morpholinylmethyl)benzoyl]amino]benzoyl]amino]- (CA INDEX NAME)



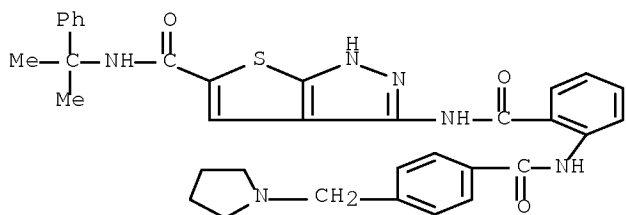
RN 921768-73-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[[2-[[4-(1-
piperidinylmethyl)benzoyl]amino]benzoyl]amino]- (CA INDEX NAME)



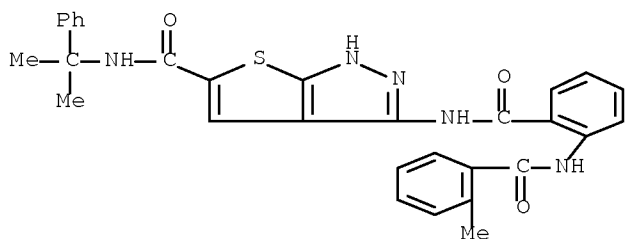
RN 921768-74-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[[2-[[4-(1-
pyrrolidinylmethyl)benzoyl]amino]benzoyl]amino]- (CA INDEX NAME)



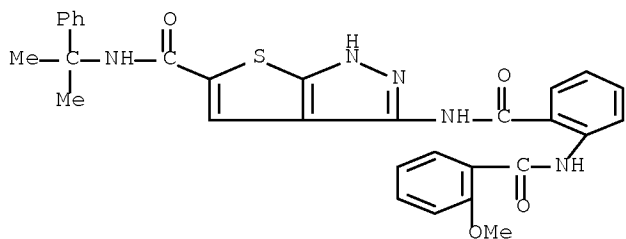
RN 921768-75-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[2-[(2-methylbenzoyl)amino]benzoyl]amino]-N-(1-methyl-1-phenylethyl)-
(CA INDEX NAME)



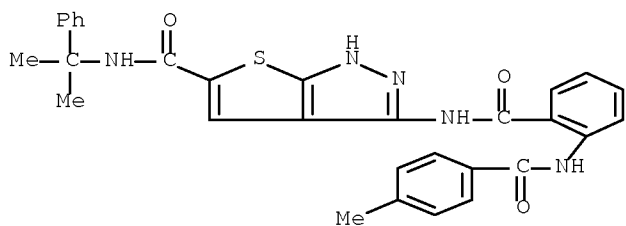
RN 921768-76-5 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[2-[(2-methoxybenzoyl)amino]benzoyl]amino]-N-(1-methyl-1-phenylethyl)-
(CA INDEX NAME)



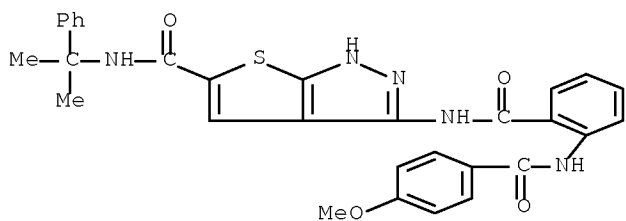
RN 921768-77-6 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[2-[(4-methylbenzoyl)amino]benzoyl]amino]-N-(1-methyl-1-phenylethyl)-
(CA INDEX NAME)



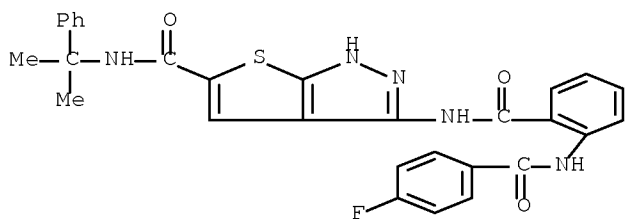
RN 921768-78-7 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[2-[(4-methoxybenzoyl)amino]benzoyl]amino]-N-(1-methyl-1-phenylethyl)-
(CA INDEX NAME)



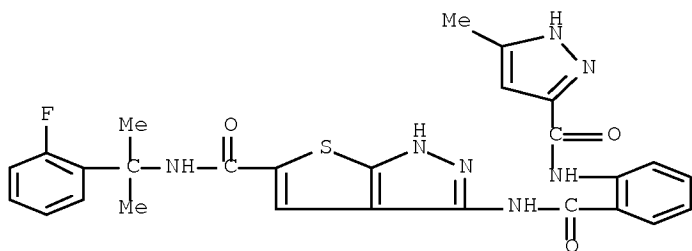
RN 921768-79-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[2-[(4-fluorobenzoyl)amino]benzoyl]amino]-N-(1-methyl-1-phenylethyl)-
(CA INDEX NAME)



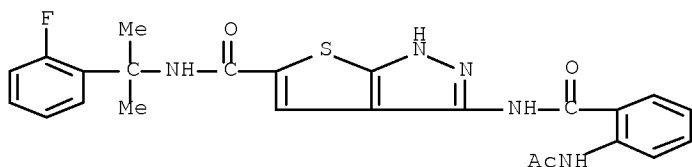
RN 921768-80-1 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(2-fluorophenyl)-1-methylethyl]-3-[2-[[5-methyl-1H-pyrazol-3-yl)carbonyl]amino]benzoyl]amino]- (CA INDEX NAME)



RN 921768-81-2 CAPLUS

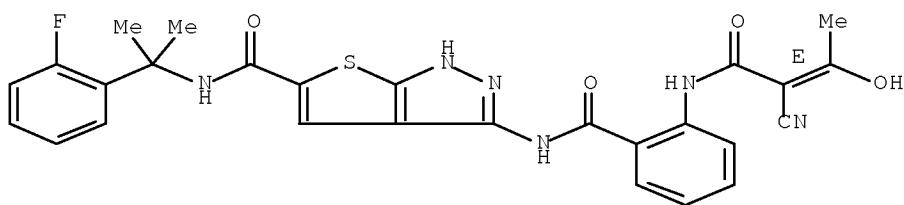
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[2-(acetamido)benzoyl]amino]-N-[1-(2-fluorophenyl)-1-methylethyl]-
(CA INDEX NAME)



RN 921768-82-3 CAPLUS

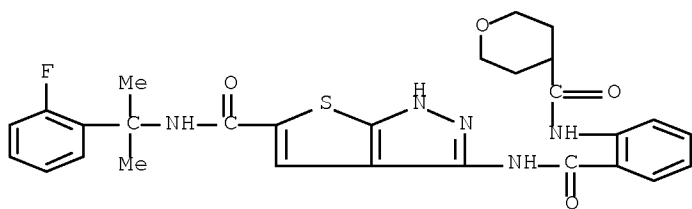
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[2-[[2-oxo-2-(2-phenyl-1-oxoethyl)amino]benzoyl]amino]benzoyl]amino]-N-[1-(2-fluorophenyl)-1-methylethyl]- (CA INDEX NAME)

Double bond geometry as shown.



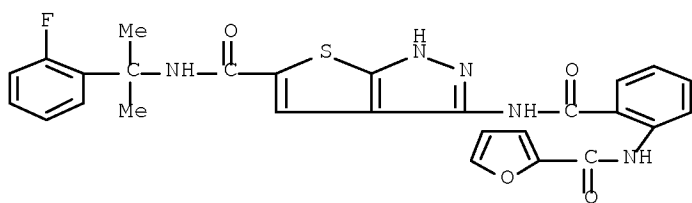
RN 921768-83-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(2-fluorophenyl)-1-methylethyl]-3-[[2-[[2-oxo-2-(2-phenyl-1-oxoethyl)amino]benzoyl]amino]benzoyl]amino]- (CA INDEX NAME)



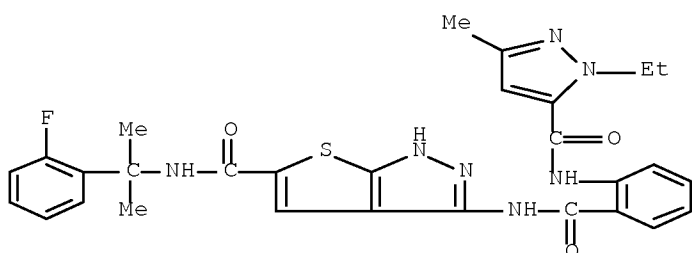
RN 921768-84-5 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(2-fluorophenyl)-1-methylethyl]-3-[[2-[[2-oxo-2-(2-phenyl-1-oxoethyl)amino]benzoyl]amino]benzoyl]amino]- (CA INDEX NAME)



RN 921768-85-6 CAPLUS

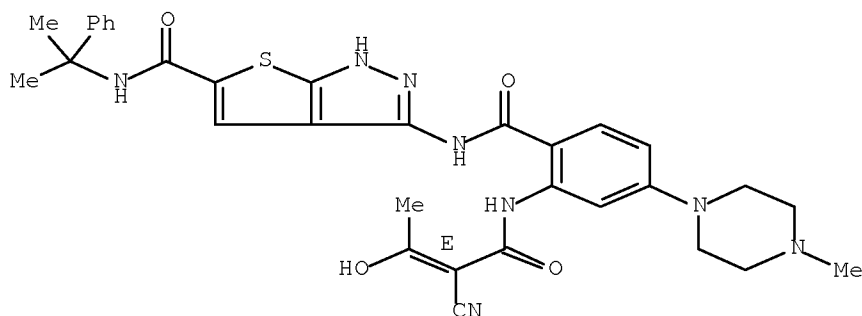
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[2-[[[(1-ethyl-3-methyl-1H-pyrazol-5-yl)carbonyl]amino]benzoyl]amino]-N-(1-(2-fluorophenyl)-1-methylethyl)]- (CA INDEX NAME)



RN 921768-86-7 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[2-[[[(2E)-2-cyano-3-hydroxy-1-oxo-2-buten-1-yl]amino]-4-(4-methyl-1-piperazinyl)benzoyl]amino]-N-(1-methyl-1-phenylethyl)]-, hydrochloride
(1:?) (CA INDEX NAME)

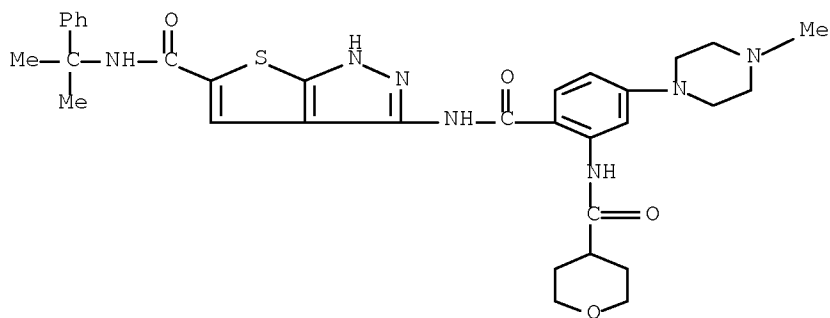
Double bond geometry as shown.



●x HCl

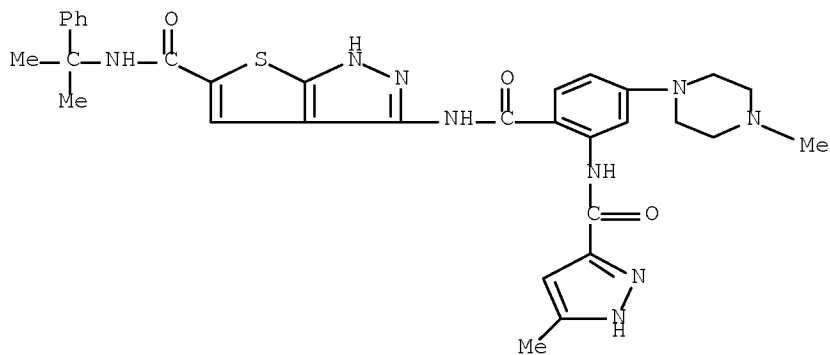
RN 921768-87-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[[[4-(4-methyl-1-piperazinyl)-2-[[[(tetrahydro-2H-pyran-4-yl)carbonyl]amino]benzoyl]amino]-N-(1-methyl-1-phenylethyl)]- (CA INDEX NAME)



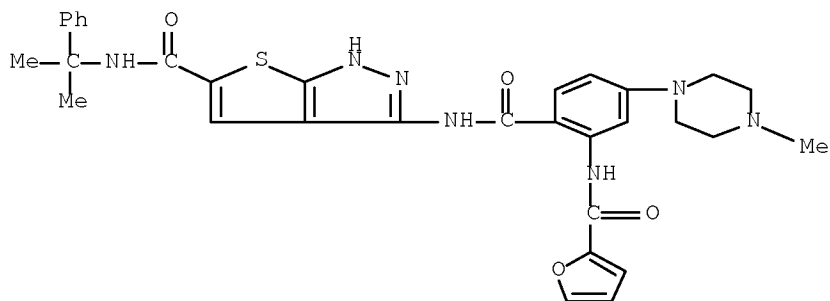
RN 921768-88-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[[4-(4-methyl-1-piperazinyl)-2-[[5-methyl-1H-
pyrazol-3-yl]carbonyl]amino]benzoyl]amino]- (CA INDEX NAME)



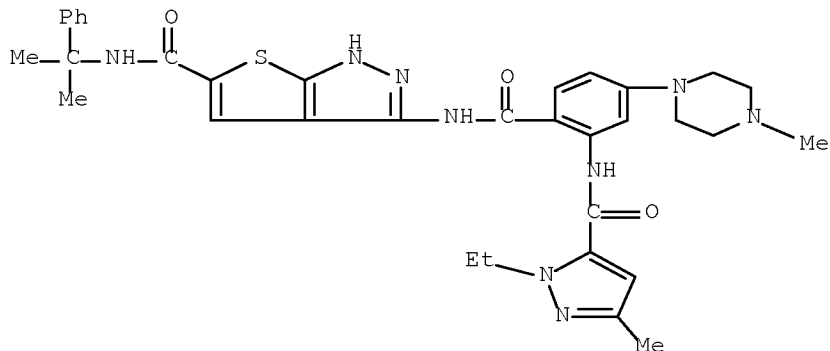
RN 921768-89-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[2-[[2-(2-furanylcarbonyl)amino]-4-(4-methyl-1-piperazinyl)benzoyl]amino]-
N-(1-methyl-1-phenylethyl)- (CA INDEX NAME)



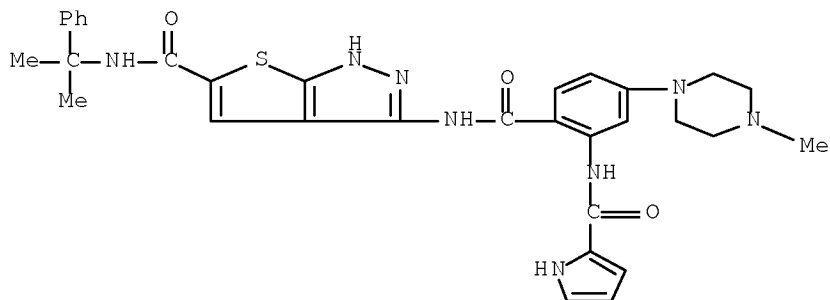
RN 921768-90-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[2-[[[(1-ethyl-3-methyl-1H-pyrazol-5-yl)carbonyl]amino]-4-(4-methyl-1-piperazinyl)benzoyl]amino]-N-(1-methyl-1-phenylethyl)- (CA INDEX NAME)



RN 921768-91-4 CAPLUS

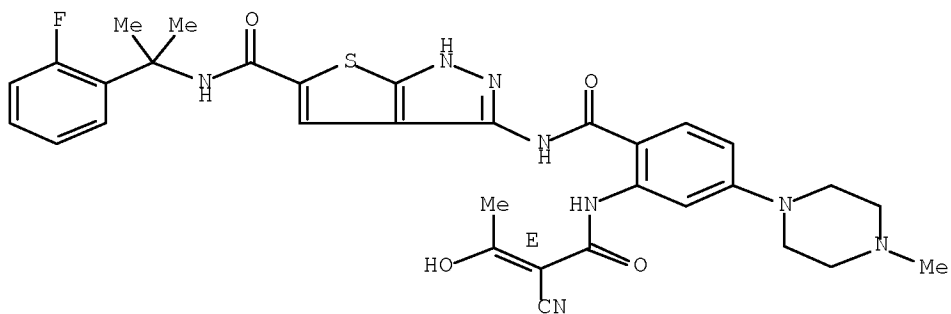
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[[4-(4-methyl-1-piperazinyl)-2-[(1H-pyrrol-2-ylcarbonyl)amino]benzoyl]amino]- (CA INDEX NAME)



RN 921768-92-5 CAPLUS

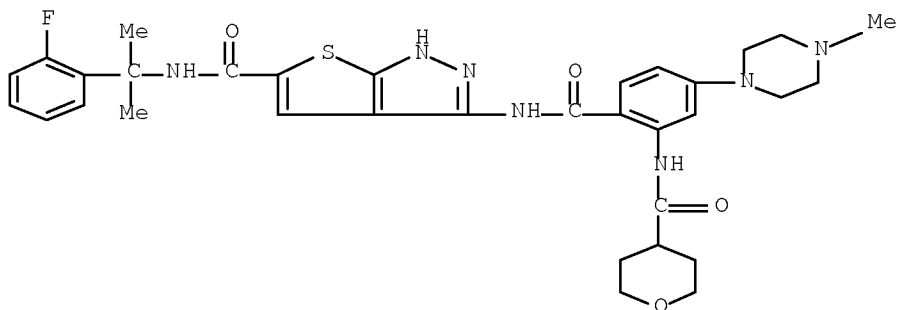
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[2-[[[(2E)-2-cyano-3-hydroxy-1-oxo-2-buten-1-yl]amino]-4-(4-methyl-1-piperazinyl)benzoyl]amino]-N-[1-(2-fluorophenyl)-1-methylethyl]- (CA INDEX NAME)

Double bond geometry as shown.



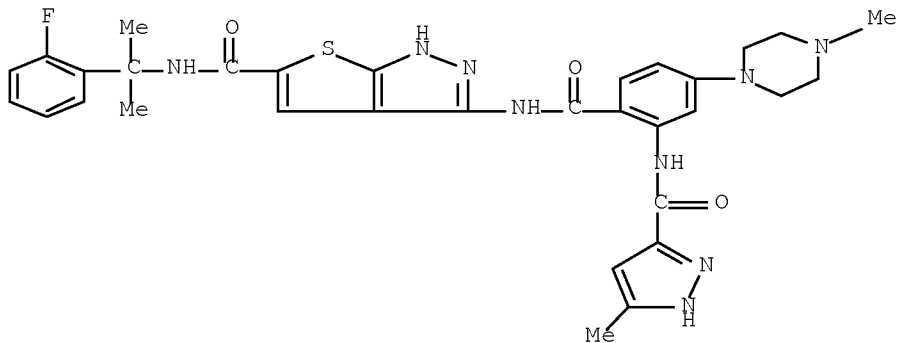
RN 921768-93-6 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(2-fluorophenyl)-1-methylethyl]-3-[[4-(4-methyl-1-piperazinyl)-2-
[[(tetrahydro-2H-pyran-4-yl)carbonyl]amino]benzoyl]amino]- (CA INDEX
NAME)



RN 921768-94-7 CAPLUS

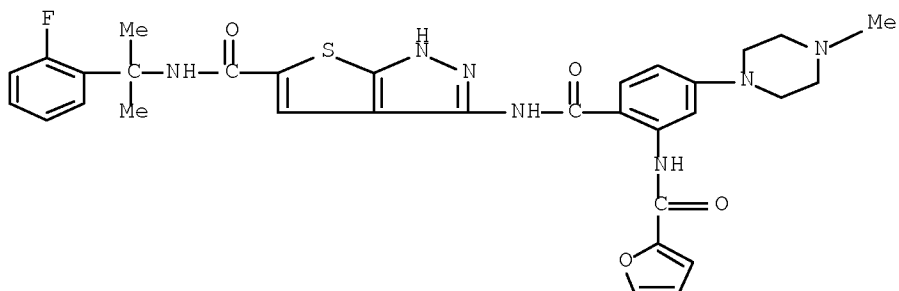
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(2-fluorophenyl)-1-methylethyl]-3-[[4-(4-methyl-1-piperazinyl)-2-[[(5-
methyl-1H-pyrazol-3-yl)carbonyl]amino]benzoyl]amino]- (CA INDEX NAME)



RN 921768-95-8 CAPLUS

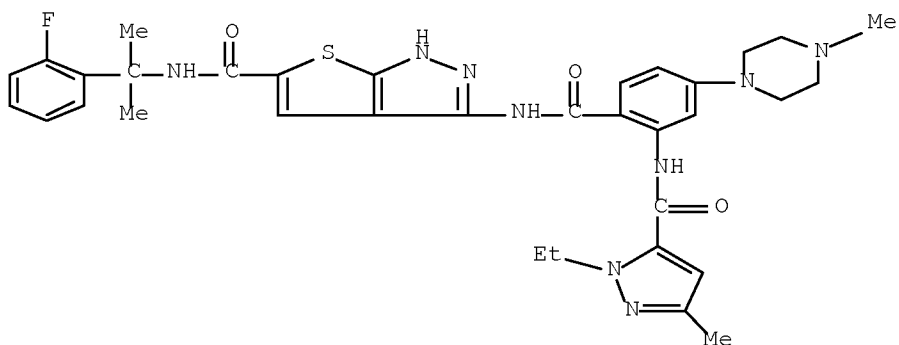
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,

N-[1-(2-fluorophenyl)-1-methylethyl]-3-[[2-[(2-furanylcarbonyl)amino]-4-(4-methyl-1-piperazinyl)benzoyl]amino]- (CA INDEX NAME)



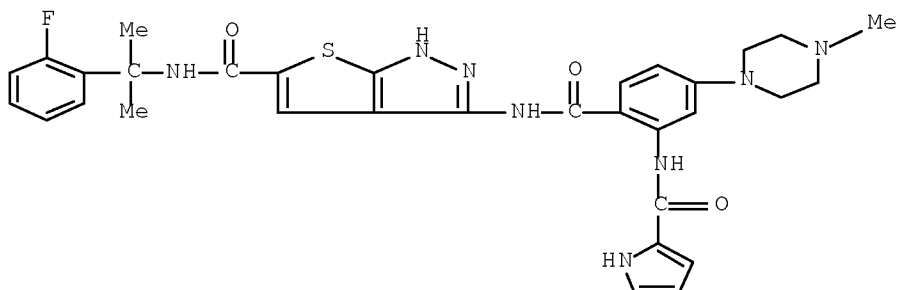
RN 921768-96-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[2-[[[(1-ethyl-3-methyl-1H-pyrazol-5-yl)carbonyl]amino]-4-(4-methyl-1-piperazinyl)benzoyl]amino]-N-[1-(2-fluorophenyl)-1-methylethyl]- (CA INDEX NAME)



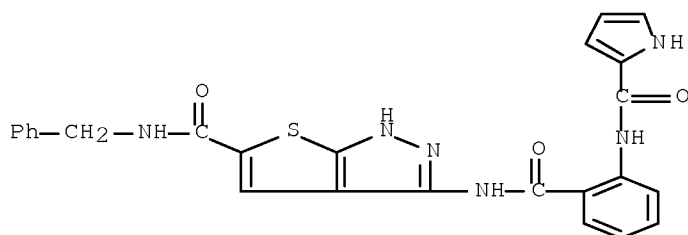
RN 921768-97-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(2-fluorophenyl)-1-methylethyl]-3-[[4-(4-methyl-1-piperazinyl)-2-[(1H-pyrrol-2-ylcarbonyl)amino]benzoyl]amino]- (CA INDEX NAME)



RN 921768-98-1 CAPLUS

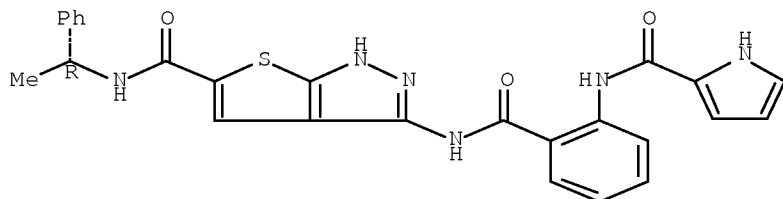
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(phenylmethyl)-3-[[2-[(1H-pyrrol-2-ylcarbonyl)amino]benzoyl]amino]- (CA
INDEX NAME)



RN 921768-99-2 CAPLUS

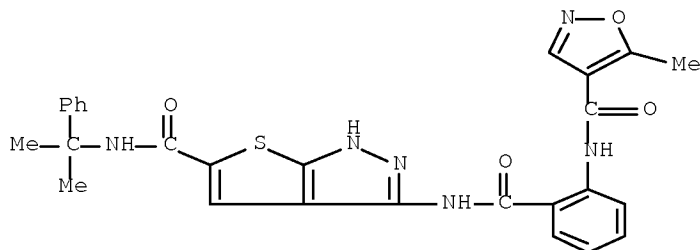
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[(1R)-1-phenylethyl]-3-[[2-[(1H-pyrrol-2-ylcarbonyl)amino]benzoyl]amino]-
(CA INDEX NAME)

Absolute stereochemistry.



RN 921769-14-4 CAPLUS

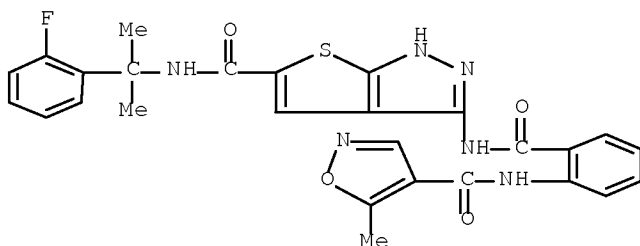
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[2-[[[(5-methyl-4-isoxazolyl)carbonyl]amino]benzoyl]amino]-N-(1-methyl-1-
phenylethyl)]- (CA INDEX NAME)



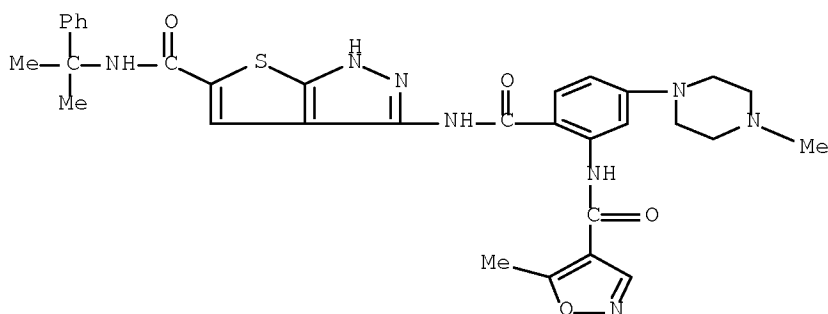
RN 921769-15-5 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,

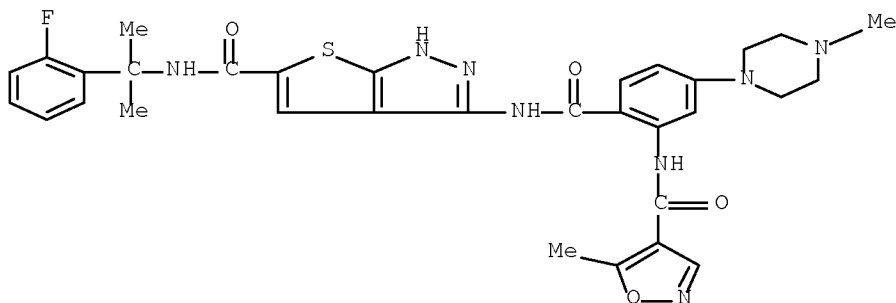
N-[1-(2-fluorophenyl)-1-methylethyl]-3-[[2-[[(5-methyl-4-isoxazolyl)carbonyl]amino]benzoyl]amino]- (CA INDEX NAME)



RN 921769-16-6 CAPLUS
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[2-[[(5-methyl-4-isoxazolyl)carbonyl]amino]-4-(4-methyl-1-piperazinyl)benzoyl]amino]-N-(1-methyl-1-phenylethyl)- (CA INDEX NAME)



RN 921769-17-7 CAPLUS
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(2-fluorophenyl)-1-methylethyl]-3-[[2-[[(5-methyl-4-isoxazolyl)carbonyl]amino]-4-(4-methyl-1-piperazinyl)benzoyl]amino]- (CA INDEX NAME)



IT 656235-18-6P, tert-Butyl 3-amino-1H-thieno[2,3-c]pyrazole-5-

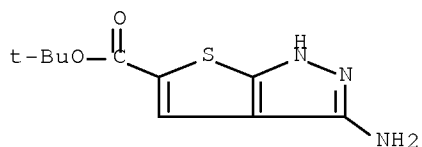
carboxylate 862559-62-4P 921767-86-4P
921767-87-5P 921767-88-6P 921767-89-7P
921767-90-0P, 3-(2-Aminobenzoylamino)-1H-thieno[2,3-c]pyrazole-5-
carboxylic acid tert-butyl ester 921767-91-1P,
3-[2-Amino-4-(4-methylpiperazin-1-yl)benzoylamino]-1H-thieno[2,3-
c]pyrazole-5-carboxylic acid tert-butyl ester 921767-92-2P
921767-93-3P 921767-94-4P 921767-95-5P
921767-96-6P 921767-97-7P 921767-98-8P
921767-99-9P 921768-00-5P 921768-01-6P
921768-02-7P 921768-03-8P 921768-04-9P,
3-[2-[[[(1H-Pyrrol-2-yl)carbonyl]amino]benzoylamino]-1H-thieno[2,3-
c]pyrazole-5-carboxylic acid tert-butyl ester 921768-05-0P
921768-06-1P 921768-07-2P 921768-08-3P
921768-09-4P 921768-10-7P 921768-11-8P
921768-12-9P 921768-13-0P 921768-14-1P
921768-15-2P 921768-16-3P 921768-17-4P,
5-[(1-Methyl-1-phenylethyl)carbamoyl]-3-[2-[[[(1H-pyrrol-2-
yl)carbonyl]amino]benzoylamino]thieno[2,3-c]pyrazole-1-carboxylic acid
ethyl ester 921768-18-5P,
3-[2-[[[(5-Methylisoxazol-4-yl)carbonyl]amino]benzoylamino]-5-[(1-methyl-1-
phenylethyl)carbamoyl]thieno[2,3-c]pyrazole-1-carboxylic acid ethyl ester
921768-19-6P, 5-[(1-Methyl-1-phenylethyl)carbamoyl]-3-[2-
[[[(tetrahydropyran-4-yl)carbonyl]amino]benzoylamino]thieno[2,3-c]pyrazole-
1-carboxylic acid ethyl ester 921768-20-9P,
5-[(1-Methyl-1-phenylethyl)carbamoyl]-3-[2-[[[(5-methyl-1H-pyrazol-3-
yl)carbonyl]amino]benzoylamino]thieno[2,3-c]pyrazole-1-carboxylic acid
ethyl ester 921768-21-0P,
3-[2-[[[(Furan-2-yl)carbonyl]amino]benzoylamino]-5-[(1-methyl-1-
phenylethyl)carbamoyl]thieno[2,3-c]pyrazole-1-carboxylic acid ethyl ester
921768-23-2P, 3-[2-[[[(2-Ethyl-5-methyl-2H-pyrazol-3-
yl)carbonyl]amino]benzoylamino]-5-[(1-methyl-1-
phenylethyl)carbamoyl]thieno[2,3-c]pyrazole-1-carboxylic acid ethyl ester
921768-25-4P, 5-[(1-Methyl-1-phenylethyl)carbamoyl]-3-[4-(4-
methylpiperazin-1-yl)-2-[[[(1H-pyrrol-2-
yl)carbonyl]amino]benzoylamino]thieno[2,3-c]pyrazole-1-carboxylic acid
ethyl ester 921768-27-6P,
3-[2-[[[(5-Methylisoxazol-4-yl)carbonyl]amino]-4-(4-methylpiperazin-1-
yl)benzoylamino]-5-[(1-methyl-1-phenylethyl)carbamoyl]thieno[2,3-
c]pyrazole-1-carboxylic acid ethyl ester 921768-29-8P,
5-[(1-Methyl-1-phenylethyl)carbamoyl]-3-[4-(4-methylpiperazin-1-yl)-2-
[[[(tetrahydropyran-4-yl)carbonyl]amino]benzoylamino]thieno[2,3-c]pyrazole-
1-carboxylic acid ethyl ester 921768-31-2P,
5-[(1-Methyl-1-phenylethyl)carbamoyl]-3-[4-(4-methylpiperazin-1-yl)-2-[[[(5-
methyl-1H-pyrazol-3-yl)carbonyl]amino]benzoylamino]thieno[2,3-c]pyrazole-1-
carboxylic acid ethyl ester 921768-33-4P,
3-[2-[[[(Furan-2-yl)carbonyl]amino]-4-(4-methylpiperazin-1-yl)benzoylamino]-
5-[(1-methyl-1-phenylethyl)carbamoyl]thieno[2,3-c]pyrazole-1-carboxylic
acid ethyl ester 921768-35-6P,
3-[2-[[[(2-Ethyl-5-methyl-2H-pyrazol-3-yl)carbonyl]amino]-4-(4-
methylpiperazin-1-yl)benzoylamino]-5-[(1-methyl-1-
phenylethyl)carbamoyl]thieno[2,3-c]pyrazole-1-carboxylic acid ethyl ester
921768-36-7P, 5-[[[1-(2-Fluorophenyl)-1-(methyl)ethyl]carbamoyl]-3-
[2-[[[(1H-pyrrol-2-yl)carbonyl]amino]benzoylamino]thieno[2,3-c]pyrazole-1-
carboxylic acid ethyl ester 921768-37-8P,
5-[[[1-(2-Fluorophenyl)-1-(methyl)ethyl]carbamoyl]-3-[2-[[[(5-methylisoxazol-
4-yl)carbonyl]amino]benzoylamino]thieno[2,3-c]pyrazole-1-carboxylic acid
ethyl ester 921768-38-9P,
5-[[[1-(2-Fluorophenyl)-1-(methyl)ethyl]carbamoyl]-3-[2-[[[(tetrahydropyran-
4-yl)carbonyl]amino]benzoylamino]thieno[2,3-c]pyrazole-1-carboxylic acid
ethyl ester 921768-39-0P,

5-[[1-(2-Fluorophenyl)-1-(methyl)ethyl]carbamoyle]-3-[2-[[5-methyl-1H-pyrazol-3-yl]carbonyl]amino]benzoylamino]thieno[2,3-c]pyrazole-1-carboxylic acid ethyl ester 921768-40-3P,
5-[[1-(2-Fluorophenyl)-1-(methyl)ethyl]carbamoyle]-3-[2-[[furan-2-yl]carbonyl]amino]benzoylamino]thieno[2,3-c]pyrazole-1-carboxylic acid ethyl ester 921768-41-4P,
3-[2-[[2-Ethyl-5-methyl-2H-pyrazol-3-yl]carbonyl]amino]benzoylamino]-5-[[1-(2-fluorophenyl)-1-methylethyl]carbamoyle]thieno[2,3-c]pyrazole-1-carboxylic acid ethyl ester 921768-42-5P,
5-[[1-(2-Fluorophenyl)-1-(methyl)ethyl]carbamoyle]-3-[4-(4-methylpiperazin-1-yl)-2-[[1H-pyrrol-2-yl]carbonyl]amino]benzoylamino]thieno[2,3-c]pyrazole-1-carboxylic acid ethyl ester 921768-43-6P,
5-[[1-(2-Fluorophenyl)-1-(methyl)ethyl]carbamoyle]-3-[2-[[5-methylisoxazol-4-yl]carbonyl]amino]-4-(4-methylpiperazin-1-yl)benzoylamino]thieno[2,3-c]pyrazole-1-carboxylic acid ethyl ester 921768-44-7P,
5-[[1-(2-Fluorophenyl)-1-(methyl)ethyl]carbamoyle]-3-[4-(4-methylpiperazin-1-yl)-2-[[tetrahydropyran-4-yl]carbonyl]amino]benzoylamino]thieno[2,3-c]pyrazole-1-carboxylic acid ethyl ester 921768-45-8P,
5-[[1-(2-Fluorophenyl)-1-(methyl)ethyl]carbamoyle]-3-[4-(4-methylpiperazin-1-yl)-2-[[5-methyl-1H-pyrazol-3-yl]carbonyl]amino]benzoylamino]thieno[2,3-c]pyrazole-1-carboxylic acid ethyl ester 921768-46-9P,
5-[[1-(2-Fluorophenyl)-1-(methyl)ethyl]carbamoyle]-3-[2-[[furan-2-yl]carbonyl]amino]-4-(4-methylpiperazin-1-yl)benzoylamino]thieno[2,3-c]pyrazole-1-carboxylic acid ethyl ester 921768-47-0P,
3-[2-[[2-Ethyl-5-methyl-2H-pyrazol-3-yl]carbonyl]amino]-4-(4-methylpiperazin-1-yl)benzoylamino]-5-[[1-(2-fluorophenyl)-1-methylethyl]carbamoyle]thieno[2,3-c]pyrazole-1-carboxylic acid ethyl ester 921769-00-8P 921769-02-0P 921769-03-1P,
5-[(1-Methyl-1-phenylethyl)carbamoyle]-3-(2-nitrobenzoylamino)thieno[2,3-c]pyrazole-1-carboxylic acid ethyl ester 921769-04-2P,
5-[[1-(2-Fluorophenyl)-1-methylethyl]carbamoyle]-3-(2-nitrobenzoylamino)thieno[2,3-c]pyrazole-1-carboxylic acid ethyl ester 921769-05-3P, 5-[(1-Methyl-1-phenylethyl)carbamoyle]-3-[4-(4-methylpiperazin-1-yl)-2-nitrobenzoylamino]thieno[2,3-c]pyrazole-1-carboxylic acid ethyl ester 921769-06-4P,
5-[(1-Methyl-1-phenylethyl)carbamoyle]-3-[[2-nitro-4-[(pyrrolidin-1-yl)methyl]benzoyl]amino]thieno[2,3-c]pyrazole-1-carboxylic acid ethyl ester 921769-07-5P, 5-[(1-Methyl-1-phenylethyl)carbamoyle]-3-[[2-nitro-4-[(piperidin-1-yl)methyl]benzoyl]amino]thieno[2,3-c]pyrazole-1-carboxylic acid ethyl ester 921769-08-6P,
5-[(1-Methyl-1-phenylethyl)carbamoyle]-3-[4-[(morpholin-4-yl)methyl]-2-nitrobenzoylamino]thieno[2,3-c]pyrazole-1-carboxylic acid ethyl ester 921769-09-7P, 5-[[1-(2-Fluorophenyl)-1-(methyl)ethyl]carbamoyle]-3-[4-(4-methylpiperazin-1-yl)-2-nitrobenzoylamino]thieno[2,3-c]pyrazole-1-carboxylic acid ethyl ester 921769-10-0P,
3-(2-Aminobenzoylamino)-5-[(1-methyl-1-phenylethyl)carbamoyle]thieno[2,3-c]pyrazole-1-carboxylic acid ethyl ester 921769-11-1P,
3-(2-Aminobenzoylamino)-5-[[1-(2-fluorophenyl)-1-methylethyl]carbamoyle]thieno[2,3-c]pyrazole-1-carboxylic acid ethyl ester 921769-12-2P, 3-[2-Amino-4-(4-methylpiperazin-1-yl)benzoylamino]-5-[(1-methyl-1-phenylethyl)carbamoyle]thieno[2,3-c]pyrazole-1-carboxylic acid ethyl ester 921769-13-3P,
3-[2-Amino-4-(4-methylpiperazin-1-yl)benzoylamino]-5-[[1-(2-fluorophenyl)-1-methylethyl]carbamoyle]thieno[2,3-c]pyrazole-1-carboxylic acid ethyl ester

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

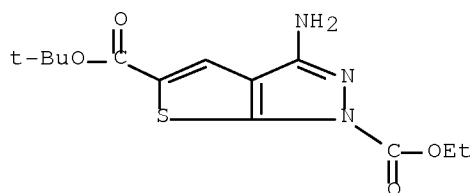
(intermediate; preparation of thienopyrazoles as kinase inhibitors for treating cancer)

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid, 3-amino-, 1,1-dimethylethyl ester (CA INDEX NAME)



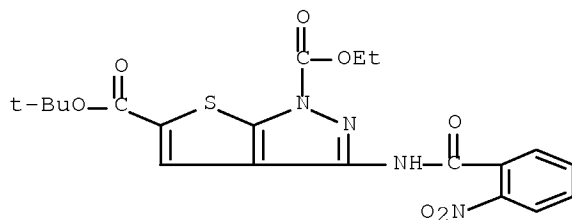
RN 862559-62-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid, 3-amino-, 5-(1,1-dimethylethyl) 1-ethyl ester (CA INDEX NAME)



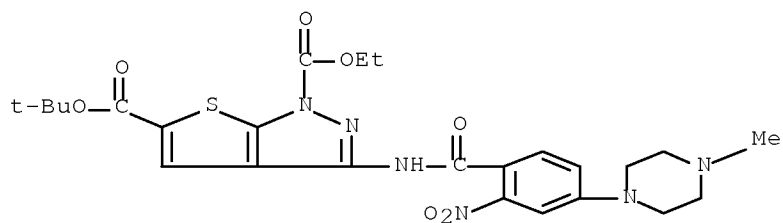
RN 921767-86-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid, 3-[(2-nitrobenzoyl)amino]-, 5-(1,1-dimethylethyl) 1-ethyl ester (CA INDEX NAME)



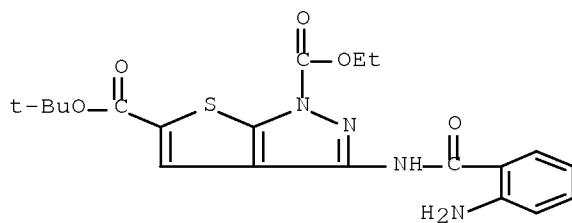
RN 921767-87-5 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid, 3-[[4-(4-methyl-1-piperazinyl)-2-nitrobenzoyl]amino]-, 5-(1,1-dimethylethyl) 1-ethyl ester (CA INDEX NAME)



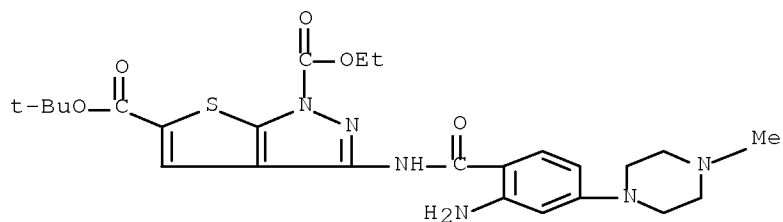
RN 921767-88-6 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
3-[(2-aminobenzoyl)amino]-, 5-(1,1-dimethylethyl) 1-ethyl ester (CA INDEX
NAME)



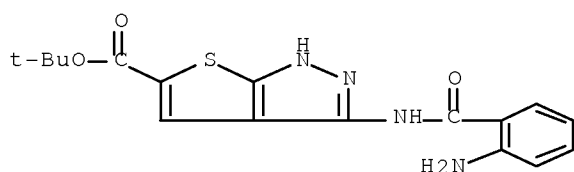
RN 921767-89-7 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
3-[[2-amino-4-(4-methyl-1-piperazinyl)benzoyl]amino]-,
5-(1,1-dimethylethyl) 1-ethyl ester (CA INDEX NAME)

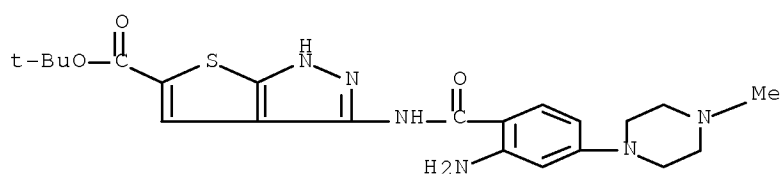


RN 921767-90-0 CAPLUS

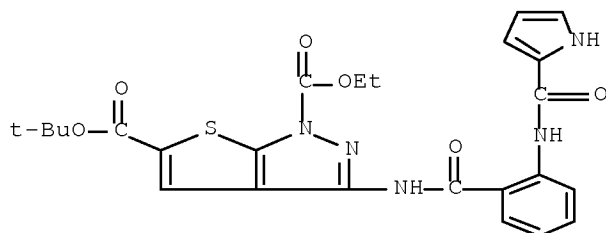
CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid, 3-[(2-aminobenzoyl)amino]-,
1,1-dimethylethyl ester (CA INDEX NAME)



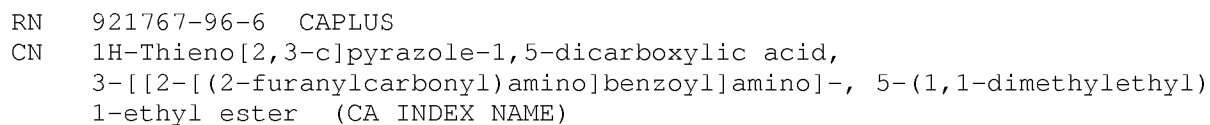
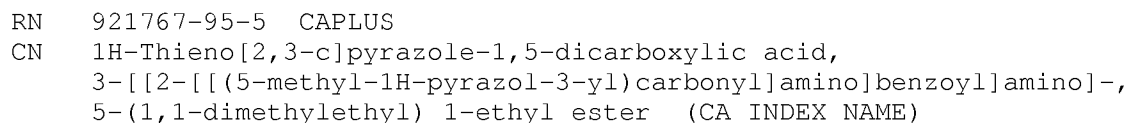
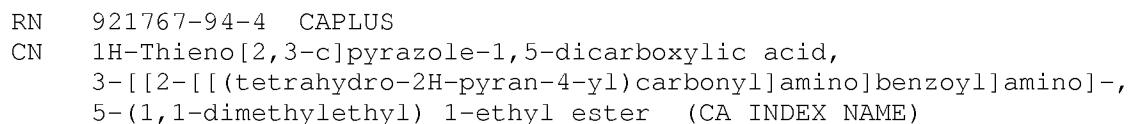
RN 921767-91-1 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
 3-[[2-amino-4-(4-methyl-1-piperazinyl)benzoyl]amino]-, 1,1-dimethylethyl
 ester (CA INDEX NAME)

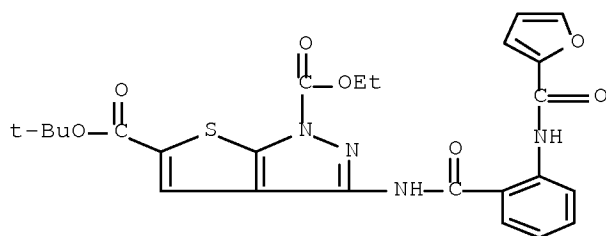


RN 921767-92-2 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
 3-[[2-[(1H-pyrrol-2-ylcarbonyl)amino]benzoyl]amino]-,
 5-(1,1-dimethylethyl) 1-ethyl ester (CA INDEX NAME)



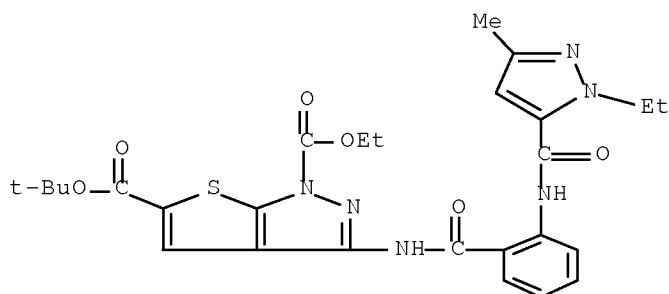
RN 921767-93-3 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
 3-[[2-[[[(5-methyl-4-isoxazolyl)carbonyl]amino]benzoyl]amino]-,
 5-(1,1-dimethylethyl) 1-ethyl ester (CA INDEX NAME)





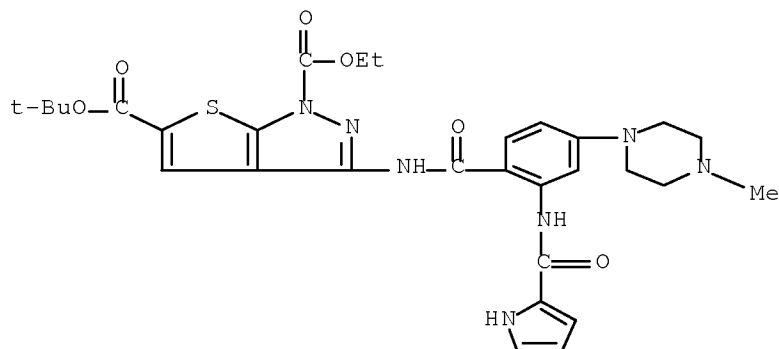
RN 921767-97-7 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
3-[[2-[[[(1-ethyl-3-methyl-1H-pyrazol-5-yl)carbonyl]amino]benzoyl]amino]-,
5-(1,1-dimethylethyl) 1-ethyl ester (CA INDEX NAME)



RN 921767-98-8 CAPLUS

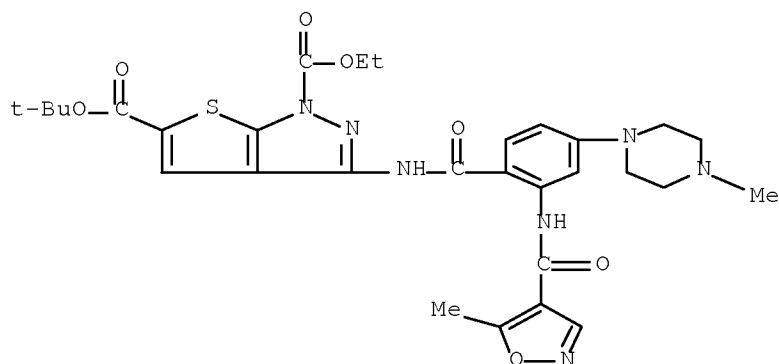
CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
3-[[4-(4-methyl-1-piperazinyl)-2-[(1H-pyrrol-2-yl)carbonyl]amino]benzoyl]amino]-,
5-(1,1-dimethylethyl) 1-ethyl ester (CA INDEX NAME)



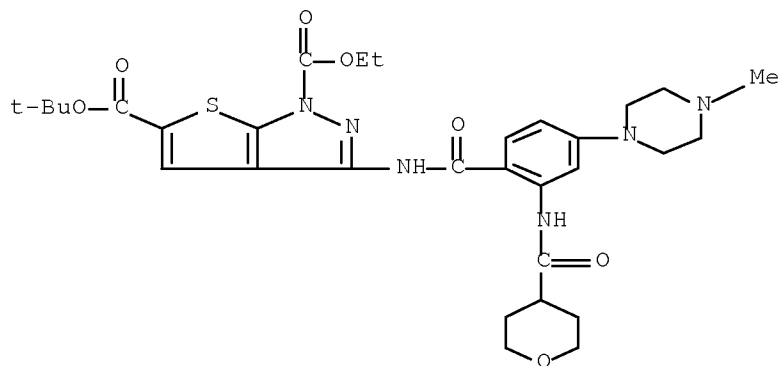
RN 921767-99-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
3-[[2-[[[(5-methyl-4-isoxazolyl)carbonyl]amino]-4-(4-methyl-1-piperazinyl)benzoyl]amino]-,
5-(1,1-dimethylethyl) 1-ethyl ester (CA

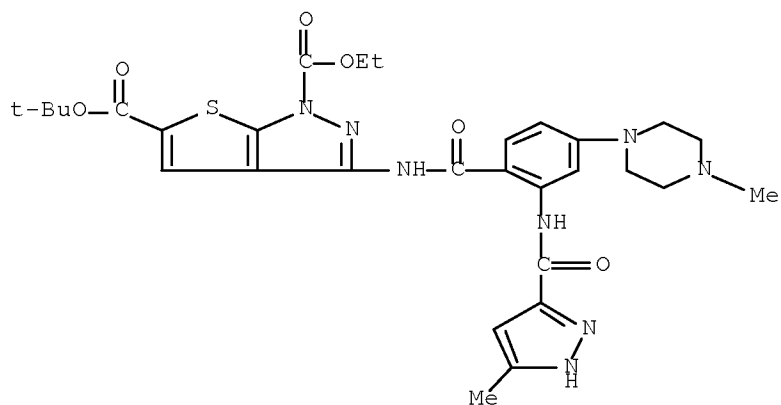
INDEX NAME)



RN 921768-00-5 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
 3-[[4-(4-methyl-1-piperazinyl)-2-[[[(tetrahydro-2H-pyran-4-yl)carbonyl]amino]benzoyl]amino]-, 5-(1,1-dimethylethyl) 1-ethyl ester
 (CA INDEX NAME)

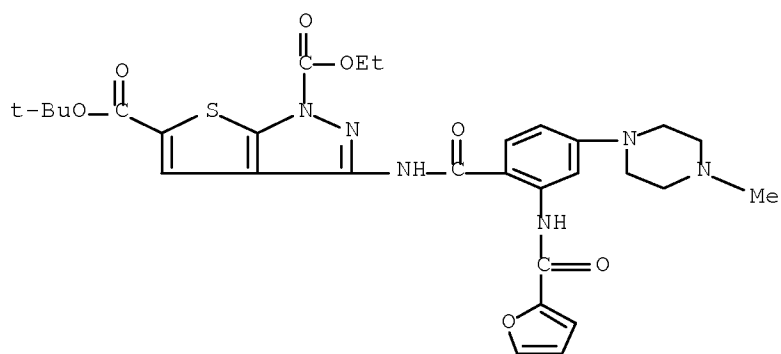


RN 921768-01-6 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
 3-[[4-(4-methyl-1-piperazinyl)-2-[[[(5-methyl-1H-pyrazol-3-yl)carbonyl]amino]benzoyl]amino]-, 5-(1,1-dimethylethyl) 1-ethyl ester
 (CA INDEX NAME)



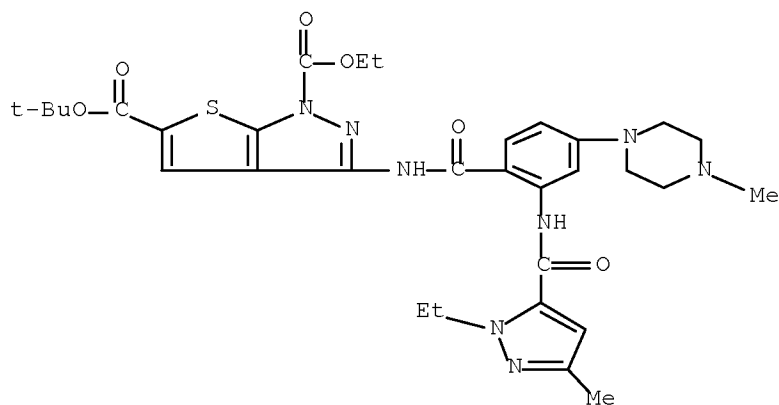
RN 921768-02-7 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
3-[[2-[(2-furanylcarbonyl)amino]-4-(4-methyl-1-piperazinyl)benzoyl]amino]-
, 5-(1,1-dimethylethyl) 1-ethyl ester (CA INDEX NAME)



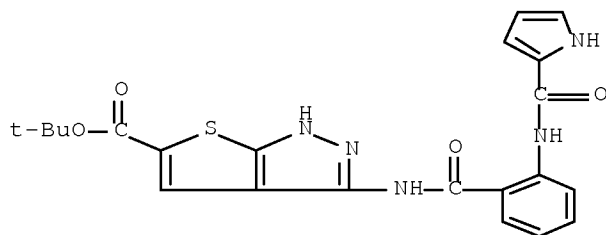
RN 921768-03-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
3-[[2-[[[(1-ethyl-3-methyl-1H-pyrazol-5-yl)carbonyl]amino]-4-(4-methyl-1-
piperazinyl)benzoyl]amino]-, 5-(1,1-dimethylethyl) 1-ethyl ester (CA
INDEX NAME)



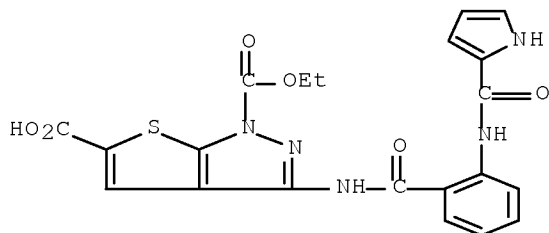
RN 921768-04-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[2-[(1H-pyrrol-2-ylcarbonyl)amino]benzoyl]amino]-, 1,1-dimethylethyl
ester (CA INDEX NAME)



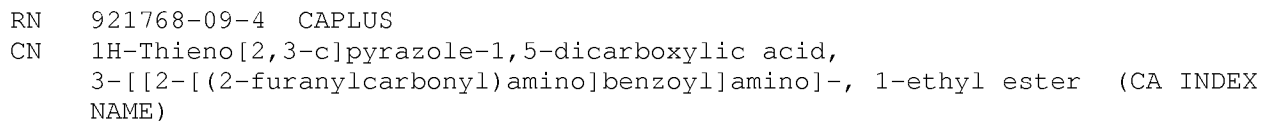
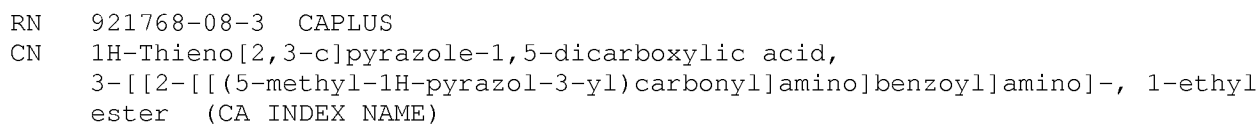
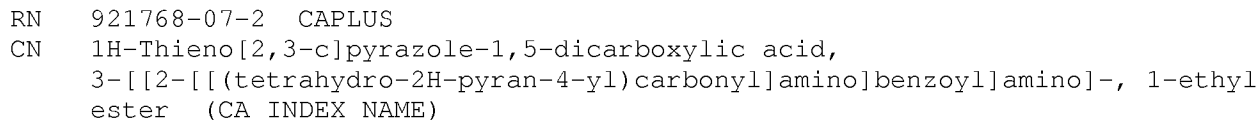
RN 921768-05-0 CAPLUS

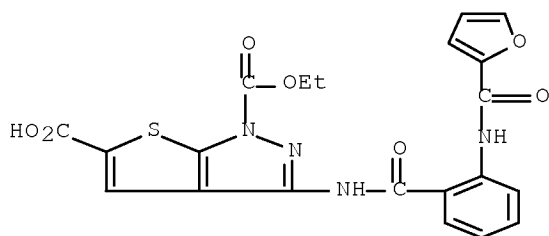
CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
3-[[2-[(1H-pyrrol-2-ylcarbonyl)amino]benzoyl]amino]-, 1-ethyl ester (CA
INDEX NAME)



RN 921768-06-1 CAPLUS

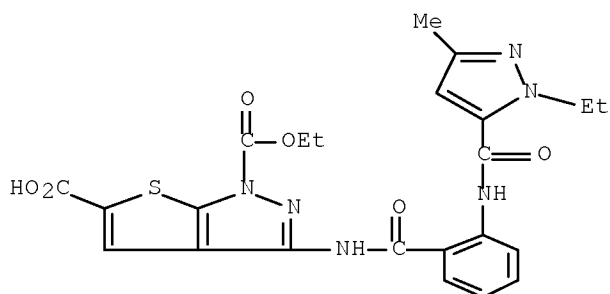
CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
3-[[2-[[5-methyl-4-isoxazolyl)carbonyl]amino]benzoyl]amino]-, 1-ethyl
ester (CA INDEX NAME)





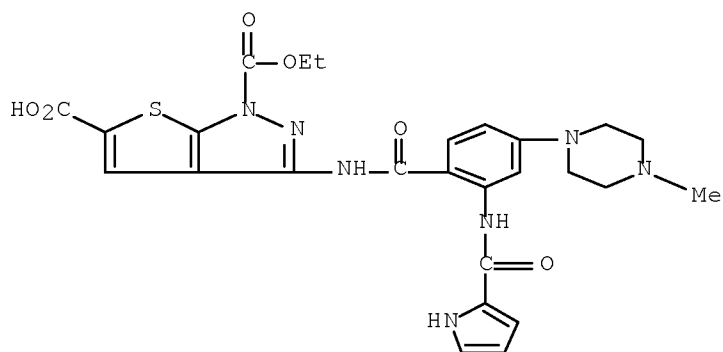
RN 921768-10-7 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
3-[[2-[(1-ethyl-3-methyl-1H-pyrazol-5-yl)carbonyl]amino]benzoyl]amino]-,
1-ethyl ester (CA INDEX NAME)



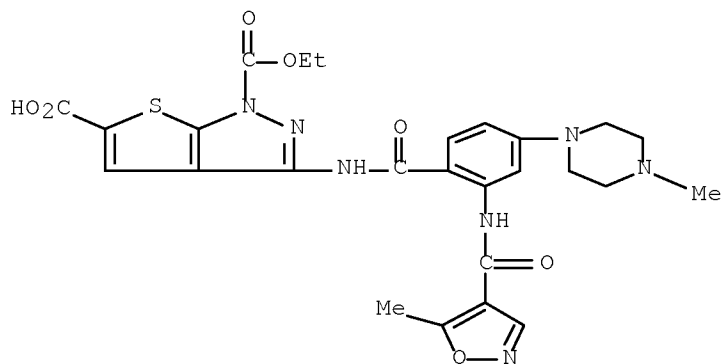
RN 921768-11-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
3-[[4-(4-methyl-1-piperazinyl)-2-[(1H-pyrrol-2-yl)carbonyl]amino]benzoyl]amino]-,
1-ethyl ester (CA INDEX NAME)

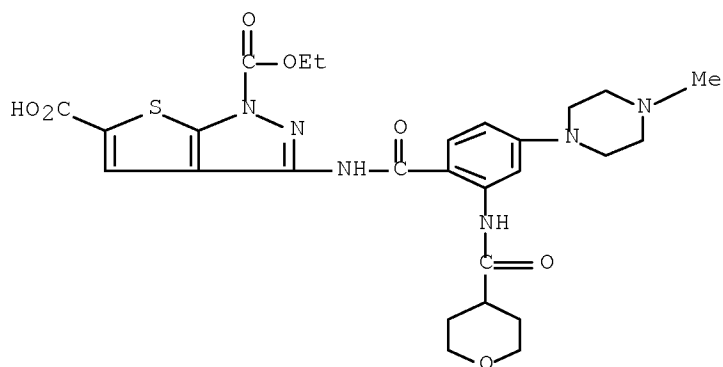


RN 921768-12-9 CAPLUS

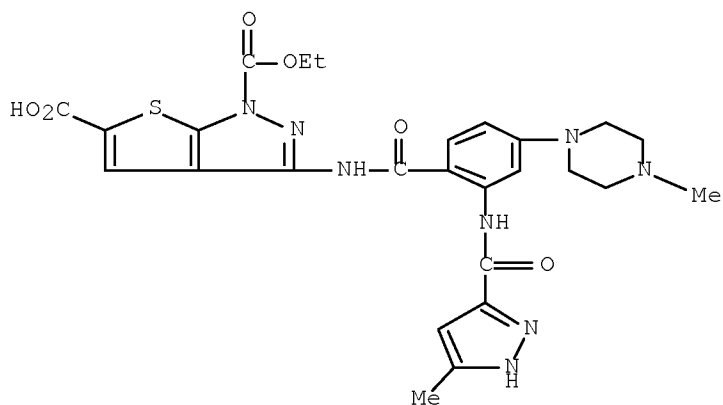
CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
3-[[2-[(5-methyl-4-isoxazolyl)carbonyl]amino]-4-(4-methyl-1-piperazinyl)benzoyl]amino]-,
1-ethyl ester (CA INDEX NAME)



RN 921768-13-0 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
 3-[[4-(4-methyl-1-piperazinyl)-2-[[4-(5-methyl-1H-pyrazol-3-yl)carbonyl]amino]benzoyl]amino]-, 1-ethyl ester (CA INDEX NAME)

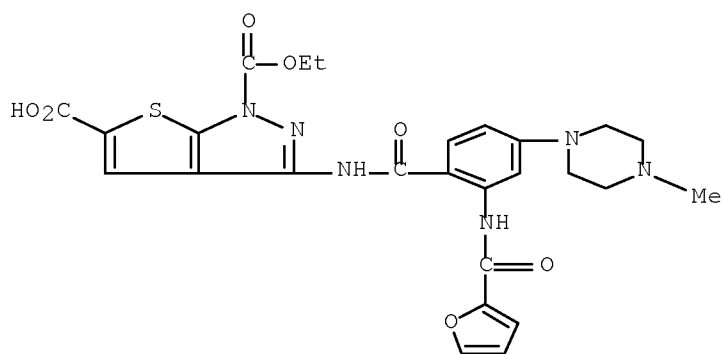


RN 921768-14-1 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
 3-[[4-(4-methyl-1-piperazinyl)-2-[[4-(5-methyl-1H-pyrazol-3-yl)carbonyl]amino]benzoyl]amino]-, 1-ethyl ester (CA INDEX NAME)



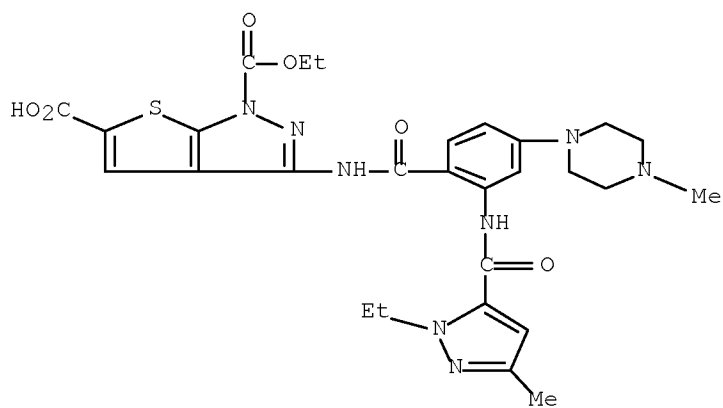
RN 921768-15-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
3-[[2-[(2-furanylcarbonyl)amino]-4-(4-methyl-1-piperazinyl)benzoyl]amino]-
, 1-ethyl ester (CA INDEX NAME)



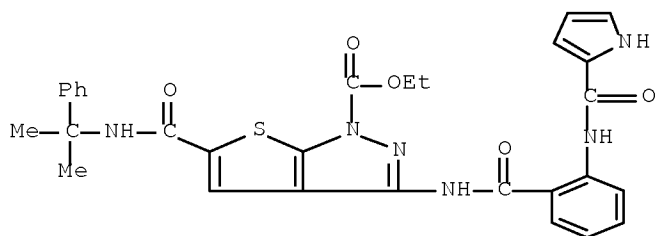
RN 921768-16-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
3-[[2-[[1-ethyl-3-methyl-1H-pyrazol-5-yl)carbonyl]amino]-4-(4-methyl-1-
piperazinyl)benzoyl]amino]-, 1-ethyl ester (CA INDEX NAME)



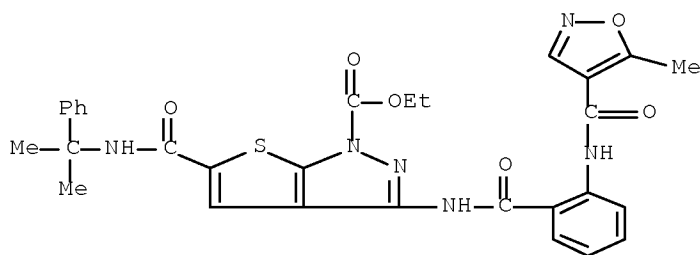
RN 921768-17-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[(1-methyl-1-phenylethyl)amino]carbonyl]-3-[[2-[(1H-pyrrol-2-ylcarbonyl)amino]benzoyl]amino]-, ethyl ester (CA INDEX NAME)



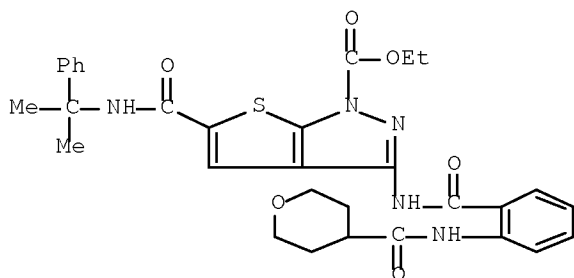
RN 921768-18-5 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
3-[[2-[[(5-methyl-4-isoxazolyl)carbonyl]amino]benzoyl]amino]-5-[[(1-methyl-1-phenylethyl)amino]carbonyl]-, ethyl ester (CA INDEX NAME)



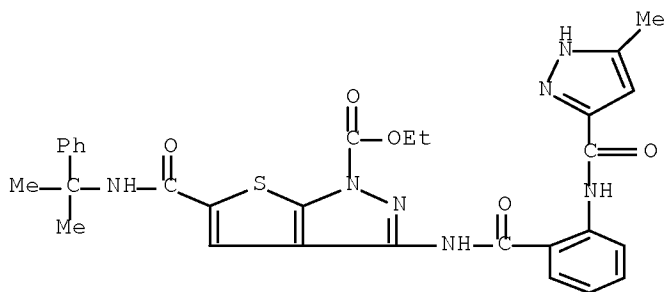
RN 921768-19-6 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[(1-methyl-1-phenylethyl)amino]carbonyl]-3-[[2-[[(tetrahydro-2H-pyran-4-yl)carbonyl]amino]benzoyl]amino]-, ethyl ester (CA INDEX NAME)



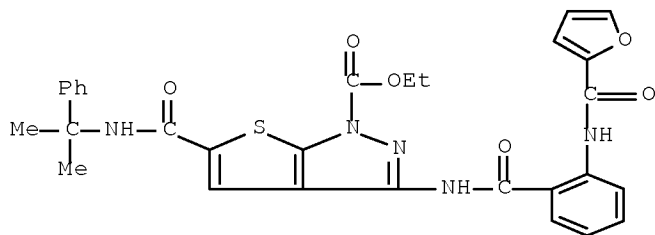
RN 921768-20-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[(1-methyl-1-phenylethyl)amino]carbonyl]-3-[[2-[[[(5-methyl-1H-pyrazol-3-yl)carbonyl]amino]benzoyl]amino]-, ethyl ester (CA INDEX NAME)



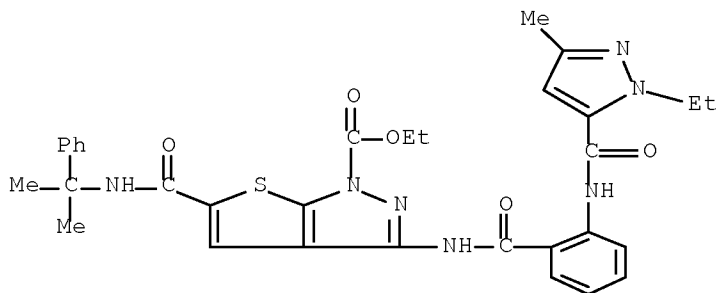
RN 921768-21-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
3-[[2-[(2-furanylcarbonyl)amino]benzoyl]amino]-5-[[[(1-methyl-1-phenylethyl)amino]carbonyl]-, ethyl ester (CA INDEX NAME)



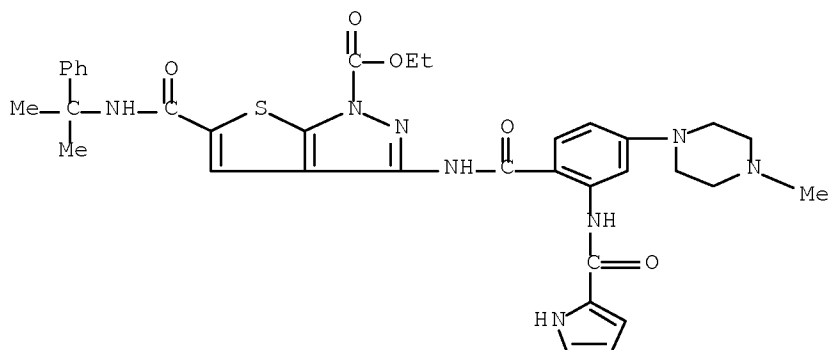
RN 921768-23-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
3-[[2-[[[(1-ethyl-3-methyl-1H-pyrazol-5-yl)carbonyl]amino]benzoyl]amino]-5-[[[(1-methyl-1-phenylethyl)amino]carbonyl]-, ethyl ester (CA INDEX NAME)



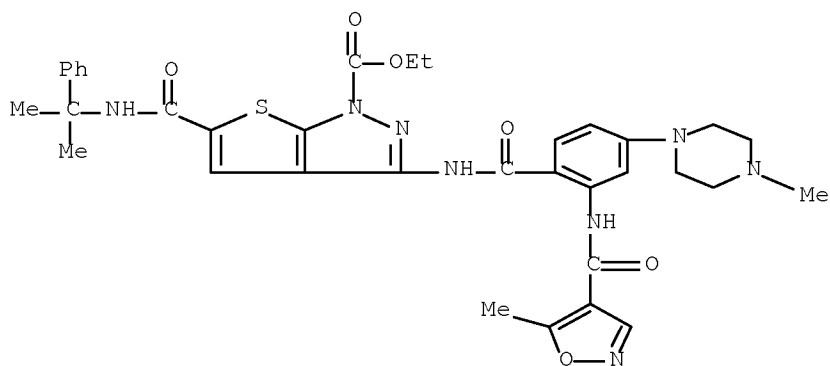
RN 921768-25-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[(1-methyl-1-phenylethyl)amino]carbonyl]-3-[[4-(4-methyl-1-piperazinyl)-
2-[(1H-pyrrol-2-ylcarbonyl)amino]benzoyl]amino]-, ethyl ester (CA INDEX
NAME)



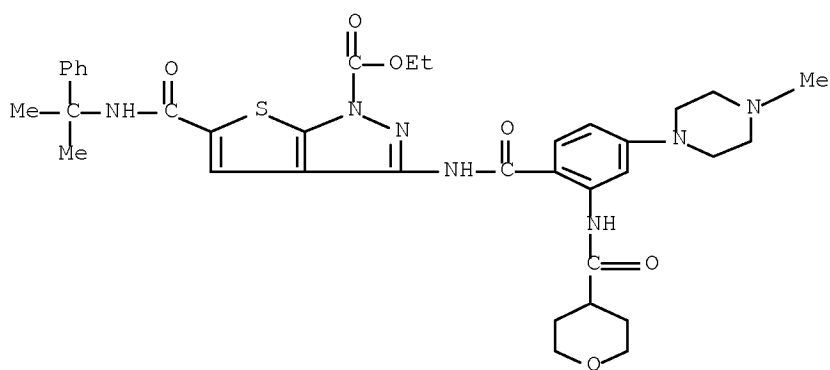
RN 921768-27-6 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
3-[[2-[[(5-methyl-4-isoxazolyl)carbonyl]amino]-4-(4-methyl-1-
piperazinyl)benzoyl]amino]-5-[[(1-methyl-1-phenylethyl)amino]carbonyl]-,
ethyl ester (CA INDEX NAME)



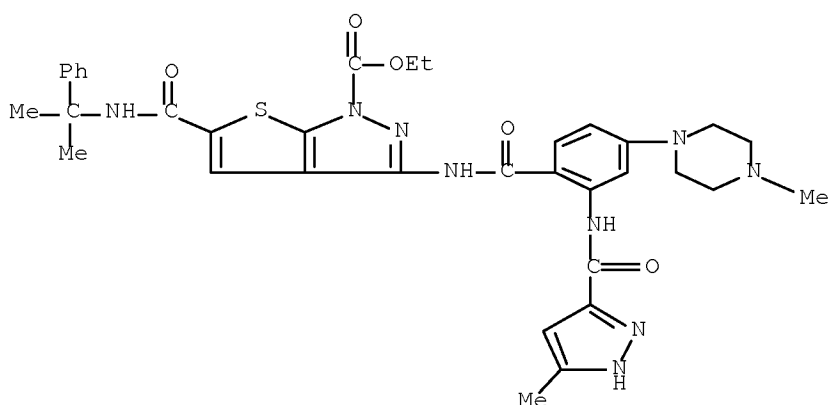
RN 921768-29-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[(1-methyl-1-phenylethyl)amino]carbonyl]-3-[[4-(4-methyl-1-piperazinyl)-
2-[[(tetrahydro-2H-pyran-4-yl)carbonyl]amino]benzoyl]amino]-, ethyl ester
(CA INDEX NAME)



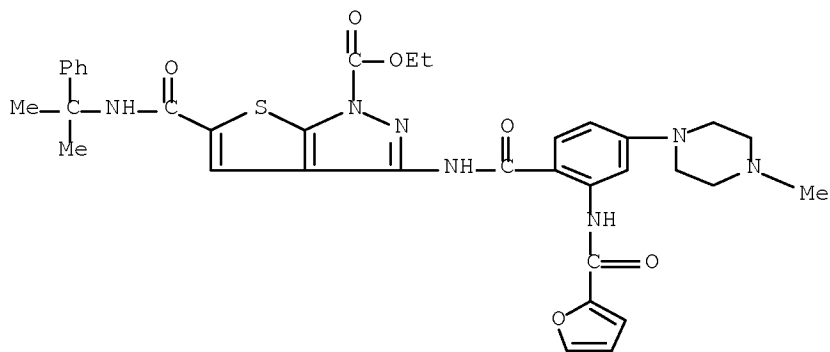
RN 921768-31-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[(1-methyl-1-phenylethyl) amino]carbonyl]-3-[[4-(4-methyl-1-piperazinyl)-
2-[[(5-methyl-1H-pyrazol-3-yl)carbonyl]amino]benzoyl]amino]-, ethyl ester
(CA INDEX NAME)



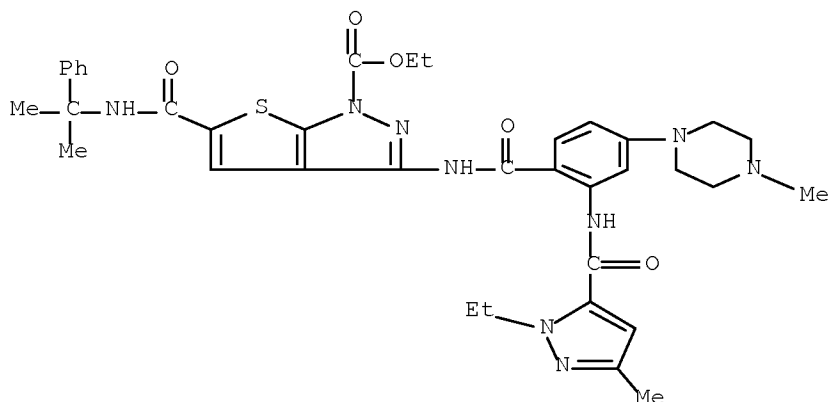
RN 921768-33-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
3-[[2-[(2-furanylcarbonyl)amino]-4-(4-methyl-1-piperazinyl)benzoyl]amino]-
5-[[(1-methyl-1-phenylethyl) amino]carbonyl]-, ethyl ester (CA INDEX NAME)



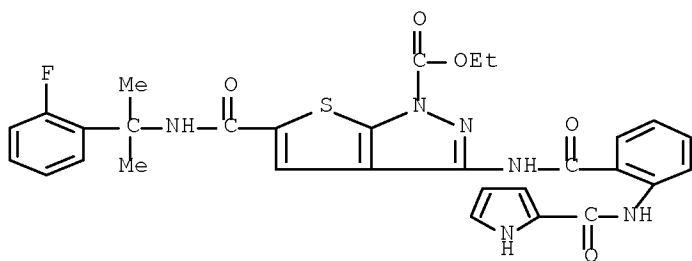
RN 921768-35-6 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
3-[[2-[[[(1-ethyl-3-methyl-1H-pyrazol-5-yl)carbonyl]amino]-4-(4-methyl-1-piperazinyl)benzoyl]amino]-5-[[[(1-methyl-1-phenylethyl)amino]carbonyl]-, ethyl ester (CA INDEX NAME)



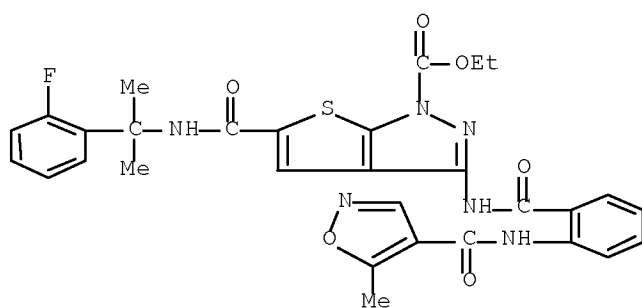
RN 921768-36-7 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[1-(2-fluorophenyl)-1-methylethyl]amino]carbonyl]-3-[[2-[(1H-pyrrol-2-ylcarbonyl)amino]benzoyl]amino]-, ethyl ester (CA INDEX NAME)



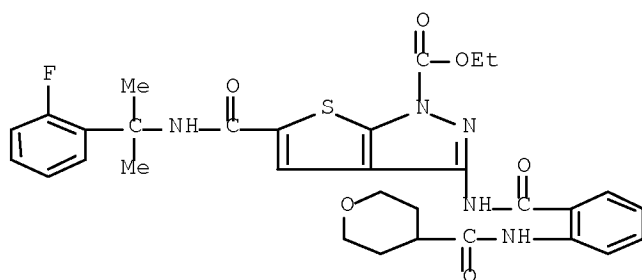
RN 921768-37-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[1-(2-fluorophenyl)-1-methylethyl]amino]carbonyl]-3-[[2-[[[(5-methyl-4-isoxazolyl)carbonyl]amino]benzoyl]amino]-, ethyl ester (CA INDEX NAME)



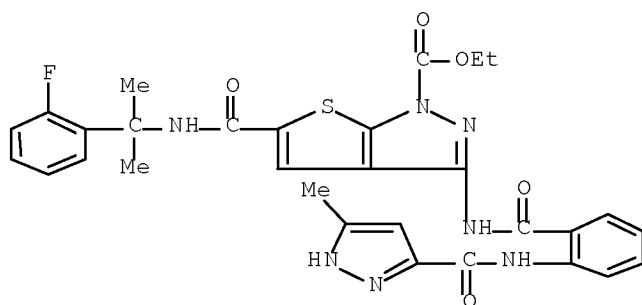
RN 921768-38-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[1-(2-fluorophenyl)-1-methylethyl]amino]carbonyl]-3-[[2-[[2-(2-methyl-4H-pyran-4-yl)carbonyl]amino]benzoyl]amino]-, ethyl ester (CA INDEX NAME)



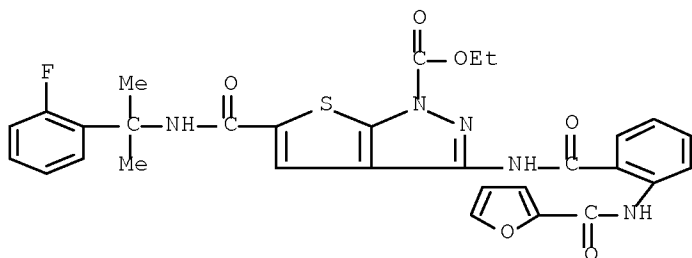
RN 921768-39-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
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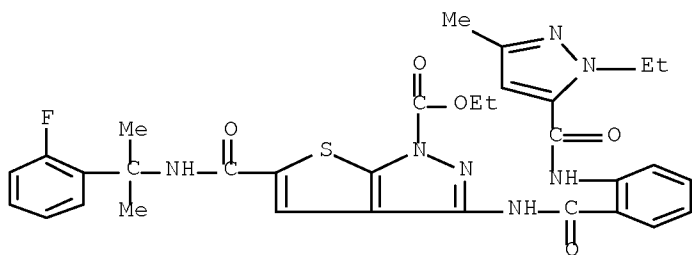
RN 921768-40-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
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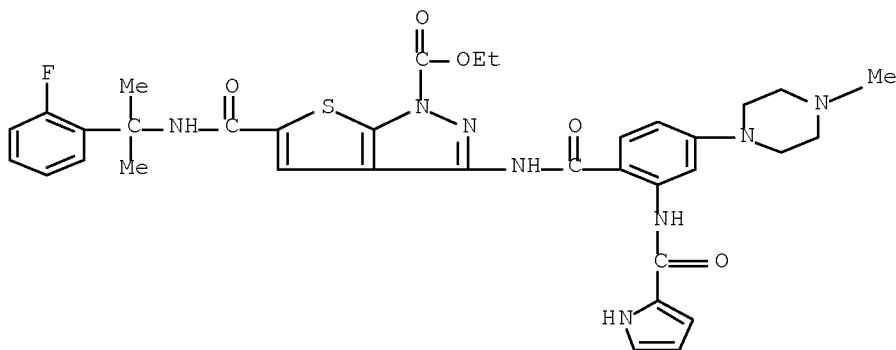
RN 921768-41-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
3-[[2-[[1-(2-fluorophenyl)-1-methylethyl]amino]carbonyl]amino]benzoyl]amino]-5-
[[[1-(2-fluorophenyl)-1-methylethyl]amino]carbonyl]-, ethyl ester (CA
INDEX NAME)



RN 921768-42-5 CAPLUS

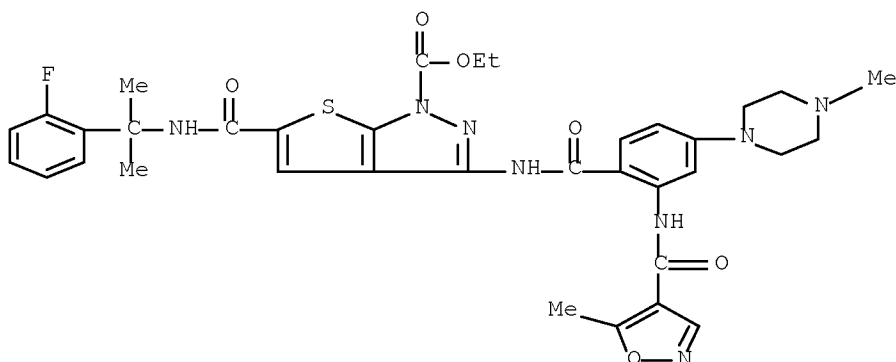
CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[1-(2-fluorophenyl)-1-methylethyl]amino]carbonyl]-3-[[4-(4-methyl-1-
piperazinyl)-2-[(1H-pyrrol-2-ylcarbonyl)amino]benzoyl]amino]-, ethyl ester
(CA INDEX NAME)



RN 921768-43-6 CAPLUS

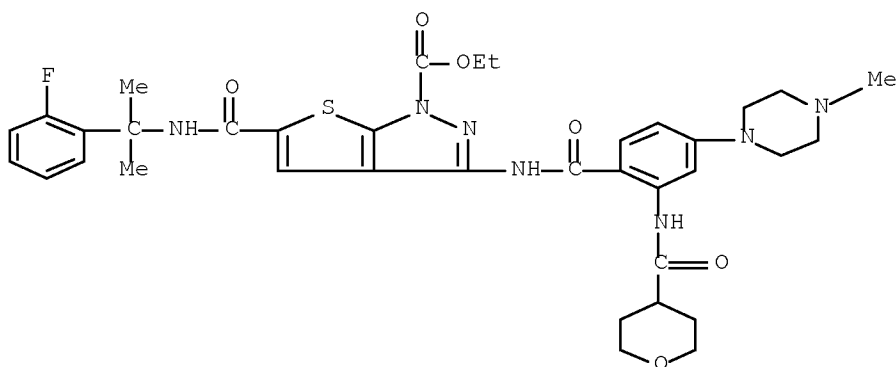
CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,

5-[[[1-(2-fluorophenyl)-1-methylethyl]amino]carbonyl]-3-[[2-[[(5-methyl-4-isoxazolyl)carbonyl]amino]-4-(4-methyl-1-piperazinyl)benzoyl]amino]-, ethyl ester (CA INDEX NAME)



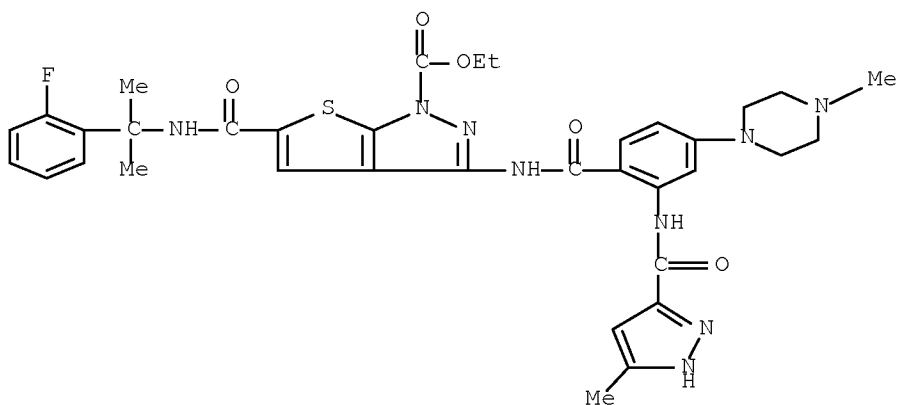
RN 921768-44-7 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid, 5-[[[1-(2-fluorophenyl)-1-methylethyl]amino]carbonyl]-3-[[4-(4-methyl-1-piperazinyl)-2-[[(tetrahydro-2H-pyran-4-yl)carbonyl]amino]benzoyl]amino]-, ethyl ester (CA INDEX NAME)



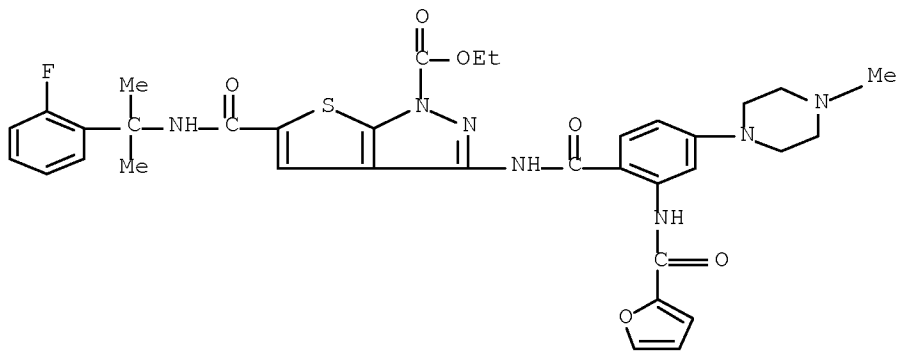
RN 921768-45-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid, 5-[[[1-(2-fluorophenyl)-1-methylethyl]amino]carbonyl]-3-[[4-(4-methyl-1-piperazinyl)-2-[[(5-methyl-1H-pyrazol-3-yl)carbonyl]amino]benzoyl]amino]-, ethyl ester (CA INDEX NAME)



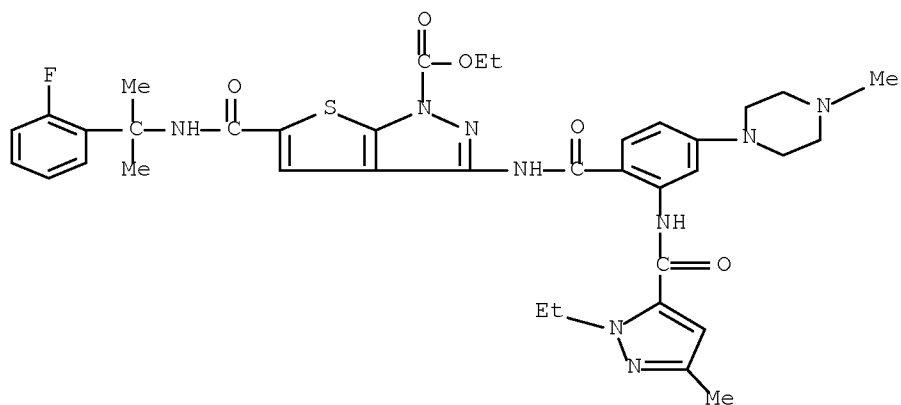
RN 921768-46-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[1-(2-fluorophenyl)-1-methylethyl]amino]carbonyl]-3-[[2-[(2-furanylcarbonyl)amino]-4-(4-methyl-1-piperazinyl)benzoyl]amino]-, ethyl ester (CA INDEX NAME)



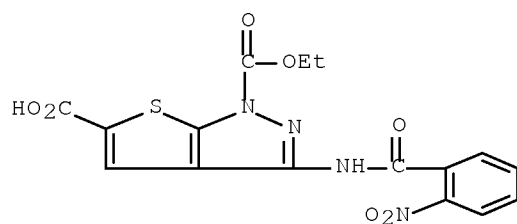
RN 921768-47-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
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RN 921769-00-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
3-[(2-nitrobenzoyl)amino]-, 1-ethyl ester (CA INDEX NAME)



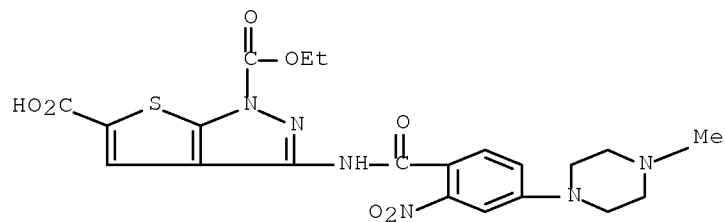
RN 921769-02-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
3-[[4-(4-methyl-1-piperazinyl)-2-nitrobenzoyl]amino]-, 1-ethyl ester
2,2,2-trifluoroacetate (1:?) (CA INDEX NAME)

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CRN 921769-01-9

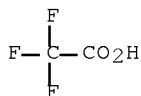
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CM 2

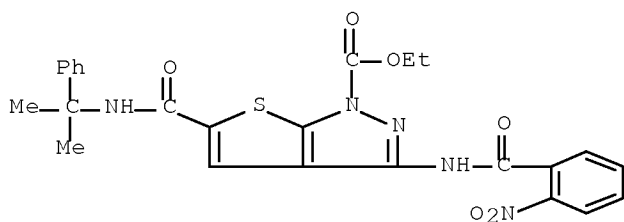
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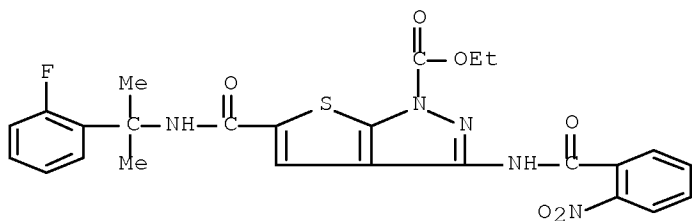
RN 921769-03-1 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
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ethyl ester (CA INDEX NAME)



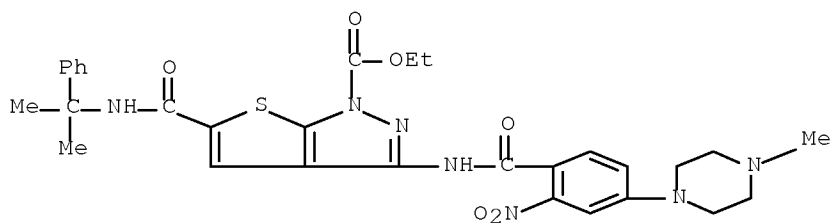
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CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
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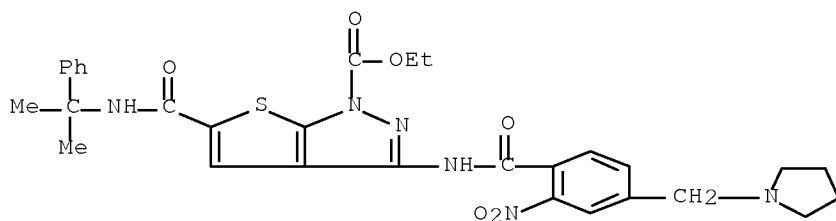


RN 921769-05-3 CAPLUS

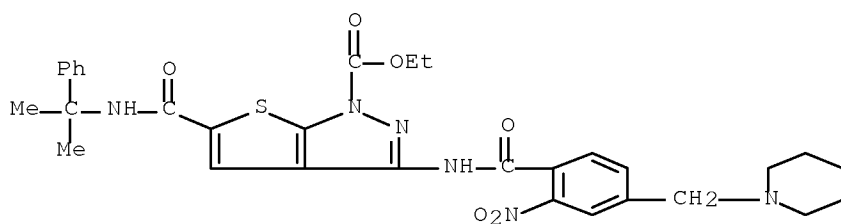
CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[(1-methyl-1-phenylethyl) amino]carbonyl]-3-[[4-(4-methyl-1-piperazinyl)-
2-nitrobenzoyl] amino]-, ethyl ester (CA INDEX NAME)



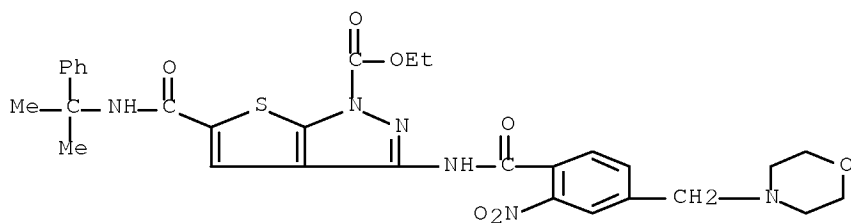
RN 921769-06-4 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
 5-[[[(1-methyl-1-phenylethyl)amino]carbonyl]-3-[[2-nitro-4-(1-
 pyrrolidinylmethyl)benzoyl]amino]-, ethyl ester (CA INDEX NAME)



RN 921769-07-5 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
 5-[[[(1-methyl-1-phenylethyl)amino]carbonyl]-3-[[2-nitro-4-(1-
 piperidinylmethyl)benzoyl]amino]-, ethyl ester (CA INDEX NAME)

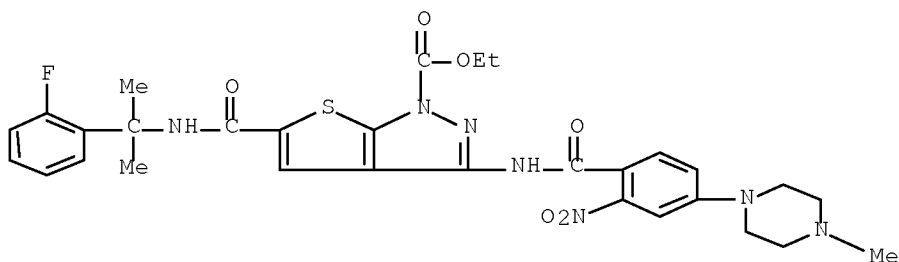


RN 921769-08-6 CAPLUS
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 5-[[[(1-methyl-1-phenylethyl)amino]carbonyl]-3-[[4-(4-morpholinylmethyl)-2-
 nitrobenzoyl]amino]-, ethyl ester (CA INDEX NAME)



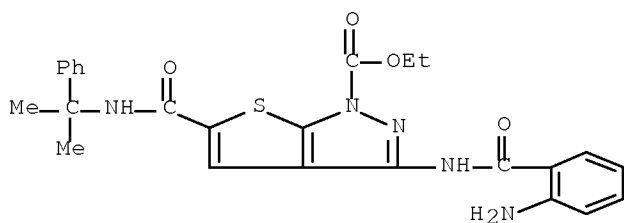
RN 921769-09-7 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
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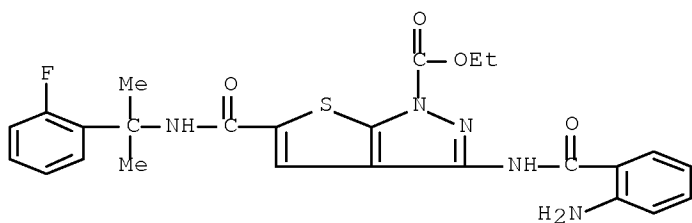
RN 921769-10-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
3-[(2-aminobenzoyl)amino]-5-[[[1-(2-fluorophenyl)-1-methylethyl]amino]carbonyl]-, ethyl ester (CA INDEX NAME)

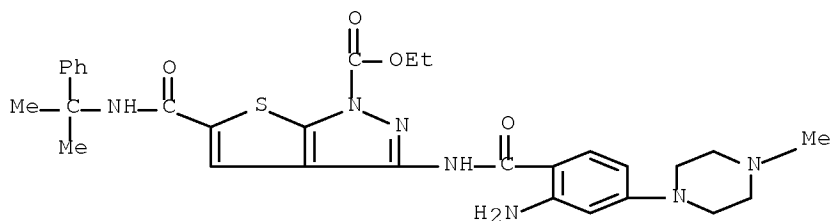


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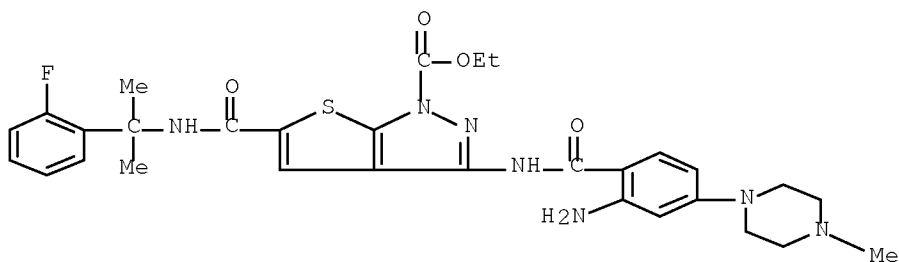
CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
3-[(2-aminobenzoyl)amino]-5-[[[1-(2-fluorophenyl)-1-methylethyl]amino]carbonyl]-, ethyl ester (CA INDEX NAME)



RN 921769-12-2 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
 3-[[2-amino-4-(4-methyl-1-piperazinyl)benzoyl]amino]-5-[[1-(1-methyl-1-phenylethyl)amino]carbonyl]-, ethyl ester (CA INDEX NAME)



RN 921769-13-3 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
 3-[[2-amino-4-(4-methyl-1-piperazinyl)benzoyl]amino]-5-[[1-(2-fluorophenyl)-1-methylethyl]amino]carbonyl]-, ethyl ester (CA INDEX NAME)



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 6 OF 22 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2006:916512 CAPLUS [Full-text](#)
 DOCUMENT NUMBER: 145:314984
 TITLE: Hydrazinocarbonyl-thieno[2,3-c]pyrazoles, their preparation, compositions containing them and their use as inhibitors of protein kinases

INVENTOR(S): Barberis, Claude; Carry, Jean-Christophe; Doerflinger, Gilles; Barbalat-Damour, Dominique; Clerc, Francois-Frederic; Minoux, Herve

PATENT ASSIGNEE(S): Aventis Pharma S.A., Fr.

SOURCE: PCT Int. Appl., 138pp.
CODEN: PIXXD2

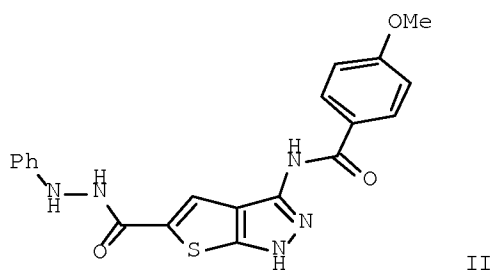
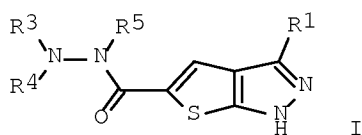
DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|--|------------|
| WO 2006092510 | A1 | 20060908 | WO 2006-FR480 | 20060303 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| FR 2882751 | A1 | 20060908 | FR 2005-2199 | 20050304 |
| FR 2882751 | B1 | 20070914 | | |
| AU 2006219805 | A1 | 20060908 | AU 2006-219805 | 20060303 |
| CA 2599270 | A1 | 20060908 | CA 2006-2599270 | 20060303 |
| EP 1858898 | A1 | 20071128 | EP 2006-726018 | 20060303 |
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| JP 2008531663 | T | 20080814 | JP 2007-557544 | 20060303 |
| US 20080146542 | A1 | 20080619 | US 2007-846669 | 20070829 |
| MX 200710753 | A | 20071107 | MX 2007-10753 | 20070903 |
| KR 2007113214 | A | 20071128 | KR 2007-720106 | 20070903 |
| IN 2007KN03327 | A | 20080118 | IN 2007-KN3327 | 20070907 |
| CN 101151268 | A | 20080326 | CN 2006-80010837 | 20070929 |
| PRIORITY APPLN. INFO.: | | | FR 2005-2199 | A 20050304 |
| | | | WO 2006-FR480 | W 20060303 |
| OTHER SOURCE(S): | | | CASREACT 145:314984; MARPAT 145:314984 | |
| GI | | | | |



AB Title compds. I [R1 = independently NHCOR2, NHCONHR2, NHCOOR2; R2 = H, (un)substituted cyclo/alkyl, hetero/aryl, etc.; R3-R5 = independently H, (un)substituted alkyl, alkyl/aryl, alkyl/heteroaryl; or NR3R4 = (un)substituted heterocyclyl; etc.] were prepared as inhibitors of protein kinases, particularly Aurora 2 kinase (data) for treating cancer (no data). E.g., a 7-step synthesis starting from 3,4,5-tribromopyrazole was given for thienopyrazole II. II inhibited Aurora 1, Aurora 2, CDK2 and Tie2 with IC50 of 8 nM, 8 nM, 177 nM, and 117 nM, resp. I are useful for treating neoplasm, psoriasis, glaucoma, leukemias, inflammations, etc.

IT 909252-57-9P, N-[5-(2-Phenylhydrazinocarbonyl)-1H-thieno[2,3-c]pyrazol-3-yl]-4-methoxybenzamide 909252-61-5P, N-[5-[(2-Methyl-2-phenylhydrazino)carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl]-4-methoxybenzamide 909252-62-6P, N-[5-(2-Cyclohexylhydrazinocarbonyl)-1H-thieno[2,3-c]pyrazol-3-yl]-4-methoxybenzamide 909252-63-7P, N-[5-[(2-Benzyl-2-phenylhydrazino)carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl]-4-methoxybenzamide 909252-64-8P, N-[5-[[2-(2-Ethylphenyl)hydrazino]carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl]-4-methoxybenzamide 909252-65-9P, N-[5-[[2-(2-Fluorophenyl)hydrazino]carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl]-4-methoxybenzamide 909252-66-0P, 4-Methoxy-N-[5-[[2-(2-methylphenyl)hydrazino]carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl]benzamide 909252-67-1P, N-[5-[(2-Methyl-2-phenylhydrazino)carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl]-4-[(morpholin-4-yl)methyl]benzamide 909252-73-9P, 4-Bromo-N-[5-[(2-methyl-2-phenylhydrazino)carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl]benzamide 909252-75-1P, N-[5-[(2-Methyl-2-phenylhydrazino)carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl]-4-[(4-methylpiperazin-1-yl)methyl]benzamide 909252-78-4P, cis-4-[(3,5-Dimethylpiperazin-1-yl)methyl]-N-[5-[(2-methyl-2-phenylhydrazino)carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl]benzamide 909252-79-5P 909252-89-7P 909252-90-0P 909252-91-1P, N-[5-[(2-Methyl-2-phenylhydrazino)carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl]-4-[(piperazin-1-yl)methyl]benzamide 909252-92-2P 909252-93-3P, N-[5-[(2-Methyl-2-phenylhydrazino)carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl]-4-[(3-methylpiperazin-1-yl)methyl]benzamide 909252-94-4P 909252-96-6P 909252-97-7P 909252-98-8P, N-[5-[(2-Methyl-2-phenylhydrazino)carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl]-3-[(4-methylpiperazin-1-yl)methyl]benzamide 909252-99-9P

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909253-11-8P 909253-12-9P,
N-[5-[(2-Methyl-2-phenylhydrazino)carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl]-3-[(morpholin-4-yl)methyl]benzamide 909253-13-0P
909253-16-3P, 4-[[2-(Diethylaminoethyl)amino]methyl]-N-[5-[(2-methyl-2-phenylhydrazino)carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl]benzamide
909253-17-4P 909253-18-5P,
4-[[Methyl(phenyl)amino]methyl]-N-[5-[(2-methyl-2-phenylhydrazino)carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl]benzamide
909253-20-9P, 4-[(Diisopropylamino)methyl]-N-[5-[(2-methyl-2-phenylhydrazino)carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl]benzamide
trifluoroacetate 909253-21-0P,
N-[5-(2-Benzylhydrazinocarbonyl)-1H-thieno[2,3-c]pyrazol-3-yl]-4-methoxybenzamide 909253-22-1P,
4-Methoxy-N-[5-[[2-(pyridin-2-yl)hydrazino]carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl]benzamide 909253-23-2P 909253-28-7P,
N-(2-Methoxymethylpyrrolidin-1-yl)-3-[4-(4-methylpiperazin-1-yl)benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxamide
909253-30-1P, N-[5-[(2-Benzyl-2-methylhydrazino)carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl]-4-(4-methylpiperazin-1-yl)benzamide
909253-32-3P, N-(Piperidin-1-yl)-3-[4-(4-methylpiperazin-1-yl)benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxamide
909253-34-5P, N-[5-(2-Benzylhydrazinocarbonyl)-1H-thieno[2,3-c]pyrazol-3-yl]-4-(4-methylpiperazin-1-yl)benzamide 909253-36-7P
, N-[5-[(2-Ethyl-2-phenylhydrazino)carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl]-4-(4-methylpiperazin-1-yl)benzamide 909253-38-9P,
N-[5-[(2-Benzyl-2-phenylhydrazino)carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl]-4-(4-methylpiperazin-1-yl)benzamide 909253-40-3P,
N-[5-[(2-Methyl-2-phenylhydrazino)carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl]-4-(4-methylpiperazin-1-yl)benzamide 909253-46-9P,
N-[5-[[2-(4-Chlorophenyl)-2-cyclobutylmethylhydrazino]carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl]-4-(4-methylpiperazin-1-yl)benzamide
909253-52-7P, N-[5-[[2-Ethyl-2-(4-fluorophenyl)hydrazino]carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl]-4-(4-methylpiperazin-1-yl)benzamide
909253-55-0P, N-[5-[[2-(4-Fluorophenyl)-2-(2-methoxyethyl)hydrazino]carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl]-4-(4-methylpiperazin-1-yl)benzamide 909253-58-3P,
N-[5-[[2-Ethyl-2-(o-tolyl)hydrazino]carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl]-4-(4-methylpiperazin-1-yl)benzamide 909253-59-4P,
N-[5-[[2-Ethyl-2-(m-tolyl)hydrazino]carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl]-4-(4-methylpiperazin-1-yl)benzamide 909253-60-7P,
N-[5-[[2-(4-Fluorophenyl)-2-isobutylhydrazino]carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl]-4-(4-methylpiperazin-1-yl)benzamide 909253-63-0P
909253-67-4P, 6-(4-Methyl-[1,4]diazepan-1-yl)-N-[5-[(2-methyl-2-phenylhydrazino)carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl]nicotinamide
909253-68-5P, N-[5-(Benzylidenehydrazinocarbonyl)-1H-thieno[2,3-c]pyrazol-3-yl]-4-(4-methylpiperazin-1-yl)benzamide 909253-71-0P
, N-[5-[(2-Methyl-2-phenylhydrazino)carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl]-4-[2-(morpholin-4-yl)ethoxy]benzamide 909253-74-3P,
4-(4-Methyl-[1,4]diazepan-1-yl)-N-[5-[(2-methyl-2-phenylhydrazino)carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl]benzamide

909253-75-4P 909253-76-5P 909253-77-6P,

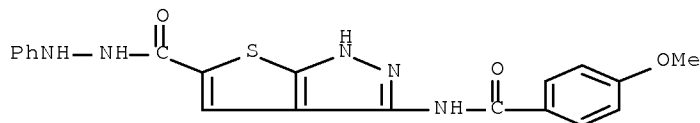
N-[5-[[2-Ethyl-2-(p-tolyl)hydrazino]carbonyl]-1H-thieno[2,3-c]pyrazol-3-yl]-4-(4-methylpiperazin-1-yl)benzamide

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; preparation of hydrazinocarbonyl-thieno[2,3-c]pyrazoles as inhibitors of protein kinases)

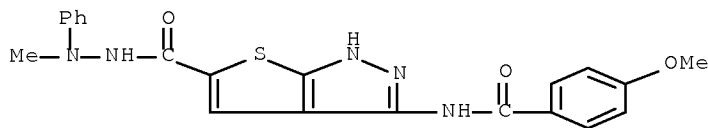
RN 909252-57-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid, 3-[(4-methoxybenzoyl)amino]-, 2-phenylhydrazide (CA INDEX NAME)



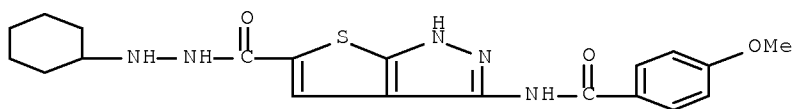
RN 909252-61-5 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid, 3-[(4-methoxybenzoyl)amino]-, 2-methyl-2-phenylhydrazide (CA INDEX NAME)



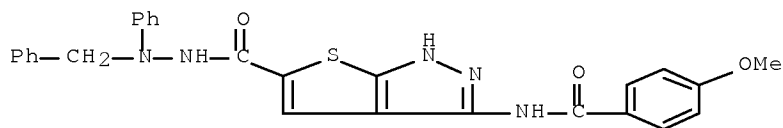
RN 909252-62-6 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid, 3-[(4-methoxybenzoyl)amino]-, 2-cyclohexylhydrazide (CA INDEX NAME)



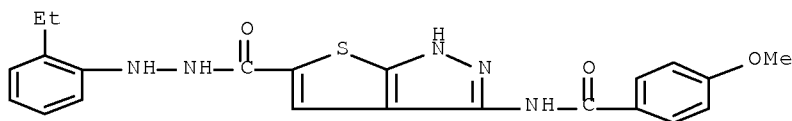
RN 909252-63-7 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid, 3-[(4-methoxybenzoyl)amino]-, 2-phenyl-2-(phenylmethyl)hydrazide (CA INDEX NAME)



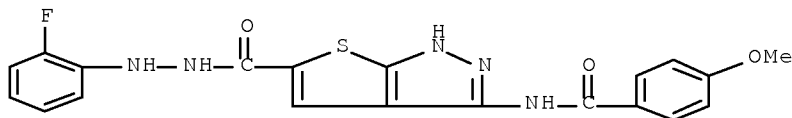
RN 909252-64-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid, 3-[(4-methoxybenzoyl)amino]-, 2-(2-ethylphenyl)hydrazide (CA INDEX NAME)



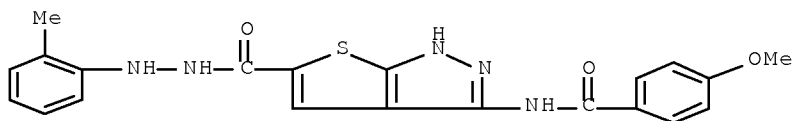
RN 909252-65-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid, 3-[(4-methoxybenzoyl)amino]-, 2-(2-fluorophenyl)hydrazide (CA INDEX NAME)



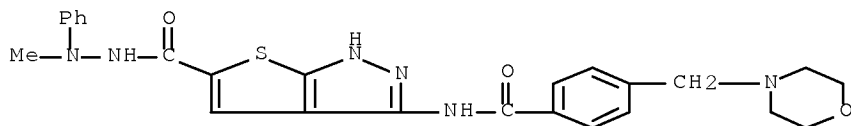
RN 909252-66-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid, 3-[(4-methoxybenzoyl)amino]-, 2-(2-methylphenyl)hydrazide (CA INDEX NAME)



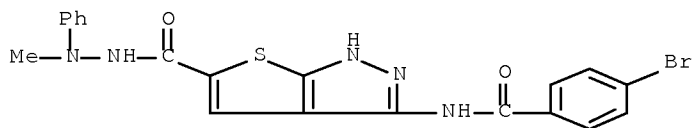
RN 909252-67-1 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid, 3-[[4-(4-morpholinylmethyl)benzoyl]amino]-, 2-methyl-2-phenylhydrazide (CA INDEX NAME)



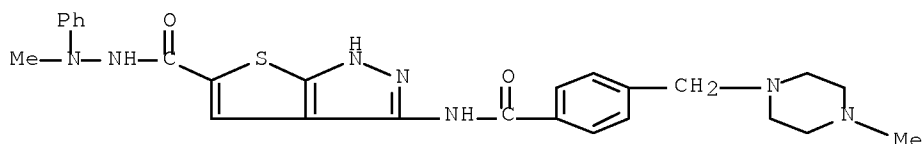
RN 909252-73-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid, 3-[(4-bromobenzoyl)amino]-, 2-methyl-2-phenylhydrazide (CA INDEX NAME)



RN 909252-75-1 CAPLUS

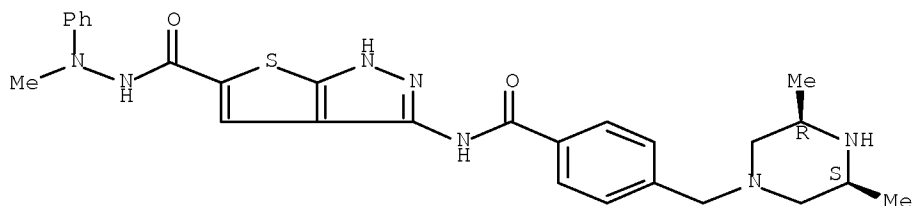
CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[4-[(4-methyl-1-piperazinyl)methyl]benzoyl]amino]-,
2-methyl-2-phenylhydrazide (CA INDEX NAME)



RN 909252-78-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[4-[[4-[(3R,5S)-3,5-dimethyl-1-piperazinyl]methyl]benzoyl]amino]-,
2-methyl-2-phenylhydrazide, rel- (CA INDEX NAME)

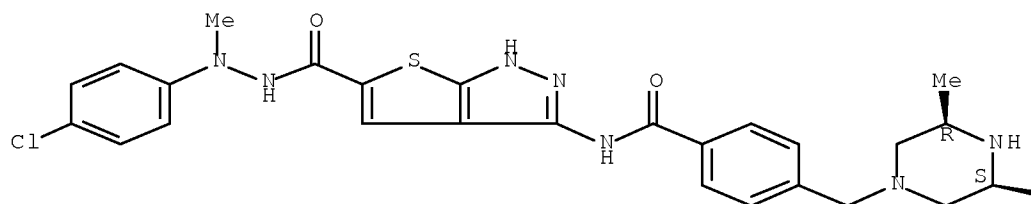
Relative stereochemistry.



RN 909252-79-5 CAPLUS

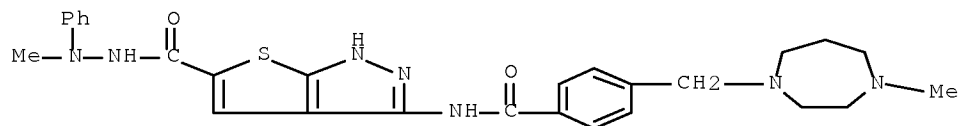
CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[4-[[4-[(3R,5S)-3,5-dimethyl-1-piperazinyl]methyl]benzoyl]amino]-,
2-(4-chlorophenyl)-2-methylhydrazide, rel- (CA INDEX NAME)

Relative stereochemistry.

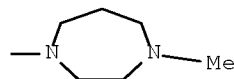
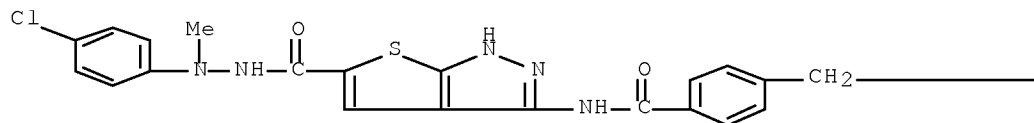




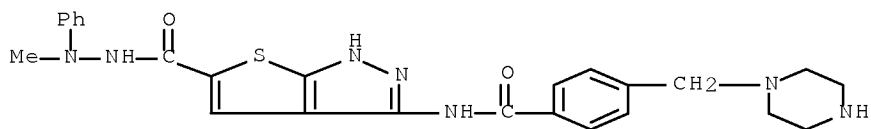
RN 909252-89-7 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
 3-[[4-[(hexahydro-4-methyl-1H-1,4-diazepin-1-yl)methyl]benzoyl]amino]-,
 2-methyl-2-phenylhydrazide (CA INDEX NAME)



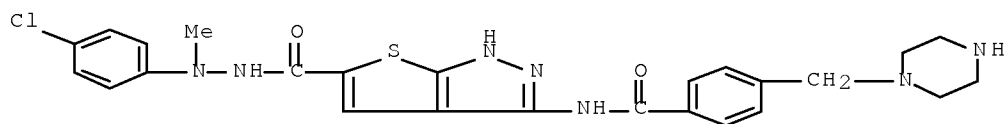
RN 909252-90-0 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
 3-[[4-[(hexahydro-4-methyl-1H-1,4-diazepin-1-yl)methyl]benzoyl]amino]-,
 2-(4-chlorophenyl)-2-methylhydrazide (CA INDEX NAME)



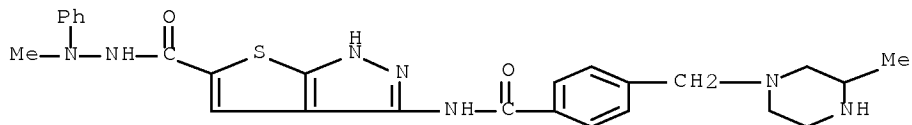
RN 909252-91-1 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
 3-[[4-(1-piperazinylmethyl)benzoyl]amino]-, 2-methyl-2-phenylhydrazide
 (CA INDEX NAME)



RN 909252-92-2 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
 3-[[4-(1-piperazinylmethyl)benzoyl]amino]-,
 2-(4-chlorophenyl)-2-methylhydrazide (CA INDEX NAME)

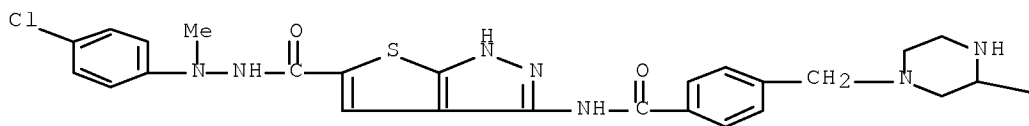


RN 909252-93-3 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
 3-[[4-[(3-methyl-1-piperazinyl)methyl]benzoyl]amino]-,
 2-methyl-2-phenylhydrazide (CA INDEX NAME)



RN 909252-94-4 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
 3-[[4-[(3-methyl-1-piperazinyl)methyl]benzoyl]amino]-,
 2-(4-chlorophenyl)-2-methylhydrazide (CA INDEX NAME)

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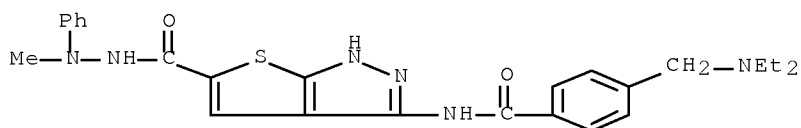


—Me

RN 909252-96-6 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
 3-[[4-[(diethylamino)methyl]benzoyl]amino]-, 2-methyl-2-phenylhydrazide,
 trifluoroacetate (9CI) (CA INDEX NAME)

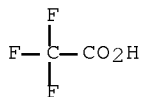
CM 1

CRN 909252-95-5
 CMF C25 H28 N6 O2 S

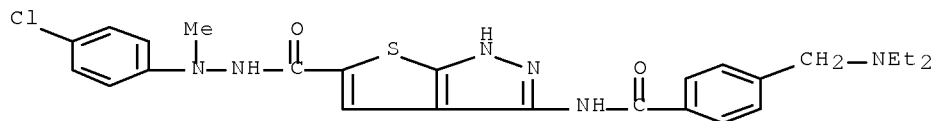


CM 2

CRN 76-05-1
 CMF C2 H F3 O2

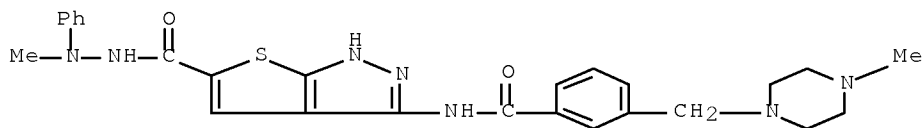


RN 909252-97-7 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
 3-[[4-[(diethylamino)methyl]benzoyl]amino]-, 2-(4-chlorophenyl)-2-methylhydrazide (CA INDEX NAME)

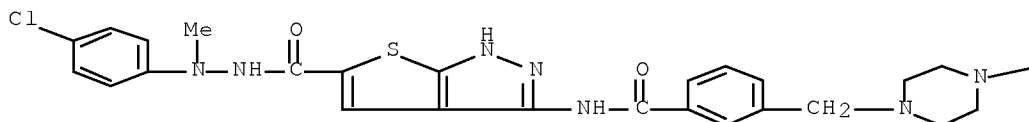


RN 909252-98-8 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,

3-[[3-[(4-methyl-1-piperazinyl)methyl]benzoyl]amino]-,
2-methyl-2-phenylhydrazide (CA INDEX NAME)



RN 909252-99-9 CAPLUS
CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[3-[(4-methyl-1-piperazinyl)methyl]benzoyl]amino]-,
2-(4-chlorophenyl)-2-methylhydrazide (CA INDEX NAME)

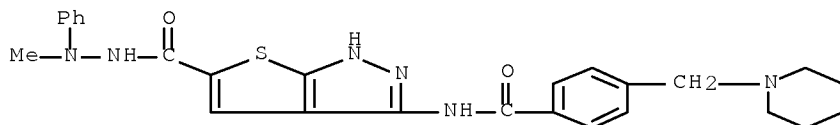


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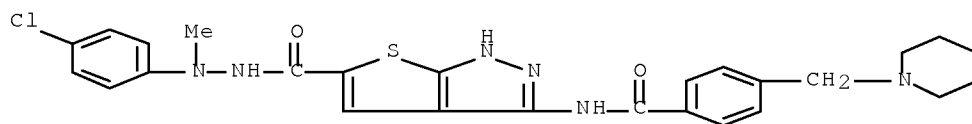
PAGE 1-B

Me

RN 909253-03-8 CAPLUS
CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[4-(1-piperidinylmethyl)benzoyl]amino]-, 2-methyl-2-phenylhydrazide
(CA INDEX NAME)

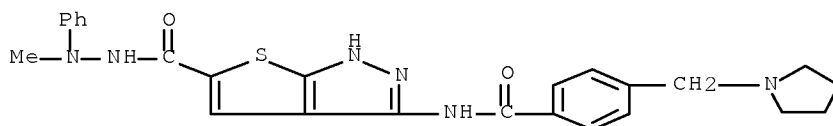


RN 909253-04-9 CAPLUS
CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[4-(1-piperidinylmethyl)benzoyl]amino]-,
2-(4-chlorophenyl)-2-methylhydrazide (CA INDEX NAME)



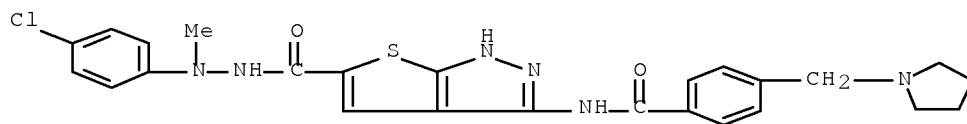
RN 909253-05-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[4-(1-pyrrolidinylmethyl)benzoyl]amino]-, 2-methyl-2-phenylhydrazide
(CA INDEX NAME)



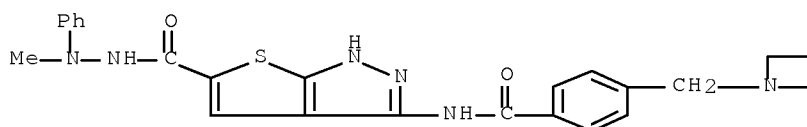
RN 909253-06-1 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[4-(1-pyrrolidinylmethyl)benzoyl]amino]-,
2-(4-chlorophenyl)-2-methylhydrazide (CA INDEX NAME)



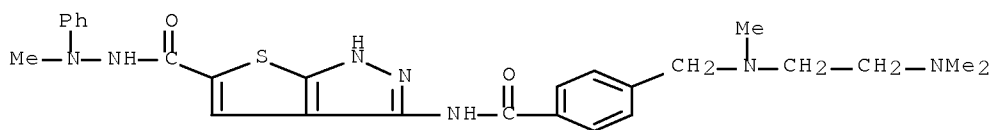
RN 909253-07-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[4-(1-azetidinylmethyl)benzoyl]amino]-, 2-methyl-2-phenylhydrazide (CA
INDEX NAME)



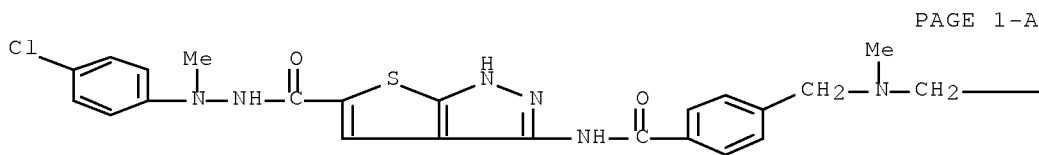
RN 909253-08-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[4-[[[2-(dimethylamino)ethyl]methylamino]methyl]benzoyl]amino]-,
2-methyl-2-phenylhydrazide (CA INDEX NAME)



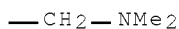
RN 909253-09-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[4-[[[2-(dimethylamino)ethyl]methylamino]methyl]benzoyl]amino]-,
2-(4-chlorophenyl)-2-methylhydrazide (CA INDEX NAME)



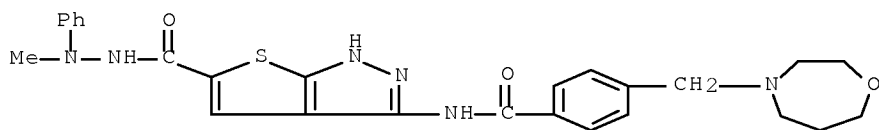
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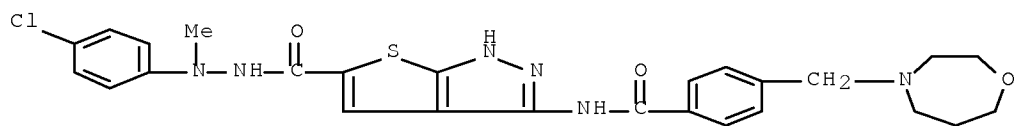
RN 909253-10-7 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[4-[(tetrahydro-1,4-oxazepin-4(5H)-yl)methyl]benzoyl]amino]-,
2-methyl-2-phenylhydrazide (CA INDEX NAME)



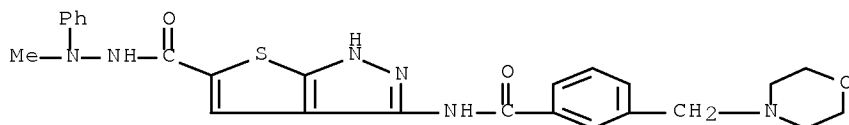
RN 909253-11-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[4-[(tetrahydro-1,4-oxazepin-4(5H)-yl)methyl]benzoyl]amino]-,
2-(4-chlorophenyl)-2-methylhydrazide (CA INDEX NAME)



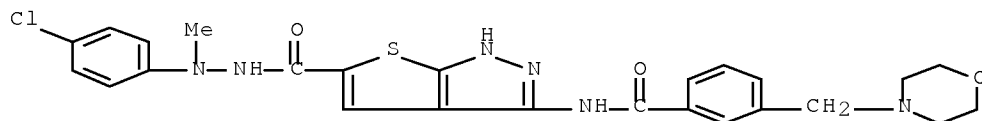
RN 909253-12-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[3-(4-morpholinylmethyl)benzoyl]amino]-, 2-methyl-2-phenylhydrazide
(CA INDEX NAME)



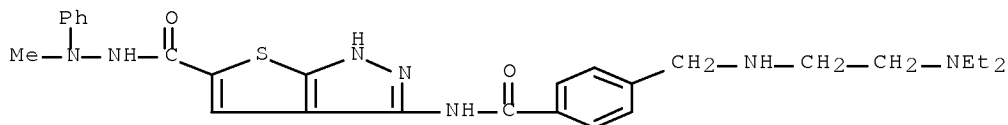
RN 909253-13-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[3-(4-morpholinylmethyl)benzoyl]amino]-,
2-(4-chlorophenyl)-2-methylhydrazide (CA INDEX NAME)



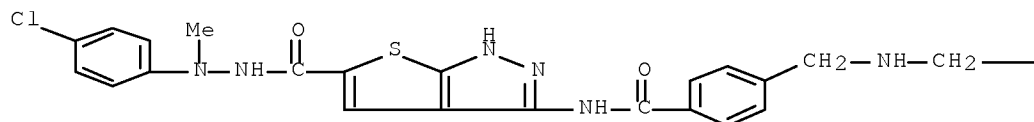
RN 909253-16-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[4-[[[2-(diethylamino)ethyl]amino]methyl]benzoyl]amino]-,
2-methyl-2-phenylhydrazide (CA INDEX NAME)

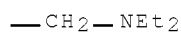


RN 909253-17-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[4-[[[2-(diethylamino)ethyl]amino]methyl]benzoyl]amino]-,
2-(4-chlorophenyl)-2-methylhydrazide (CA INDEX NAME)

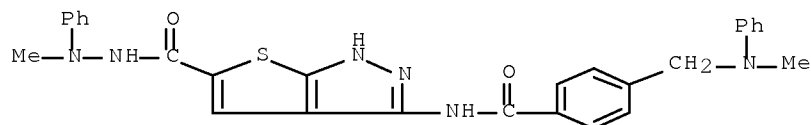


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RN 909253-18-5 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[4-[(methylphenylamino)methyl]benzoyl]amino]-,
2-methyl-2-phenylhydrazide (CA INDEX NAME)



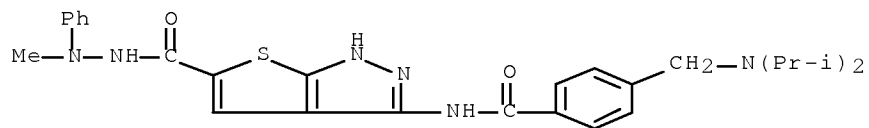
RN 909253-20-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[4-[[bis(1-methylethyl)amino)methyl]benzoyl]amino]-,
2-methyl-2-phenylhydrazide, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

CM 1

CRN 909253-19-6

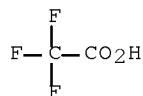
CMF C27 H32 N6 O2 S



CM 2

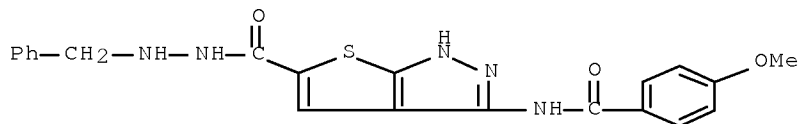
CRN 76-05-1

CMF C2 H F3 O2



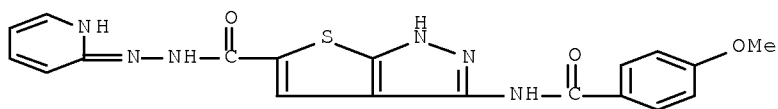
RN 909253-21-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid, 3-[(4-methoxybenzoyl)amino]-,
2-(phenylmethyl)hydrazide (CA INDEX NAME)



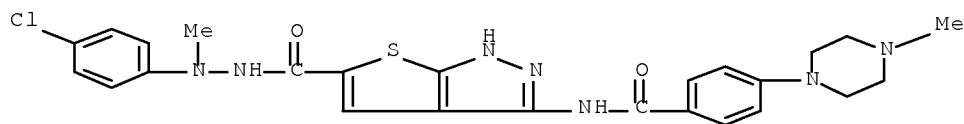
RN 909253-22-1 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid, 3-[(4-methoxybenzoyl)amino]-, 2-(2-pyridinyl)hydrazide (CA INDEX NAME)



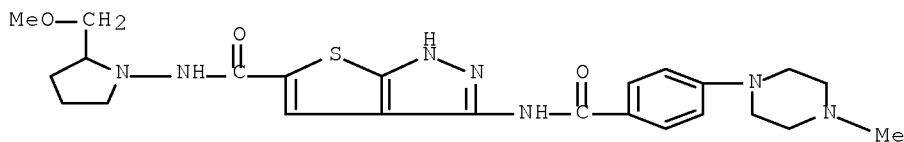
RN 909253-23-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid, 3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-, 2-(4-chlorophenyl)-2-methylhydrazide (CA INDEX NAME)



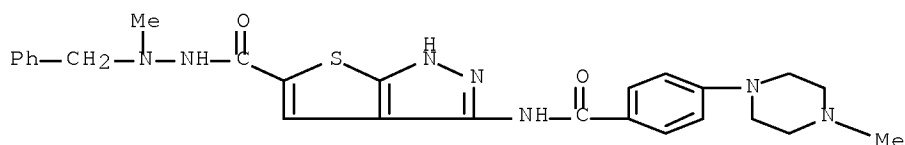
RN 909253-28-7 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide, N-[2-(methoxymethyl)-1-pyrrolidinyl]-3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]- (CA INDEX NAME)



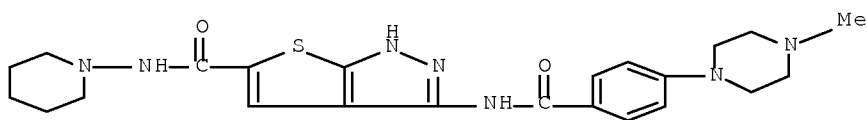
RN 909253-30-1 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid, 3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-, 2-methyl-2-(phenylmethyl)hydrazide (CA INDEX NAME)



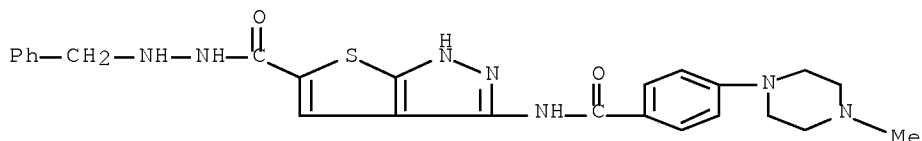
RN 909253-32-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-N-1-piperidinyl- (CA INDEX
NAME)



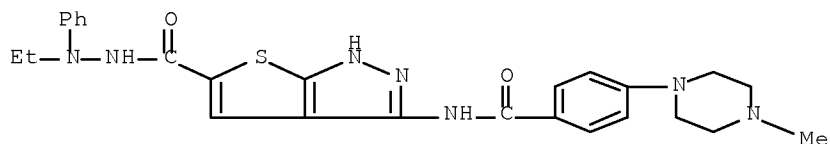
RN 909253-34-5 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-, 2-(phenylmethyl)hydrazide
(CA INDEX NAME)



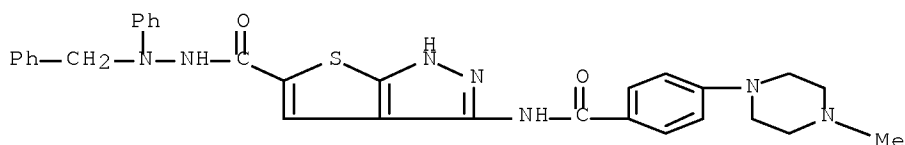
RN 909253-36-7 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-, 2-ethyl-2-phenylhydrazide
(CA INDEX NAME)



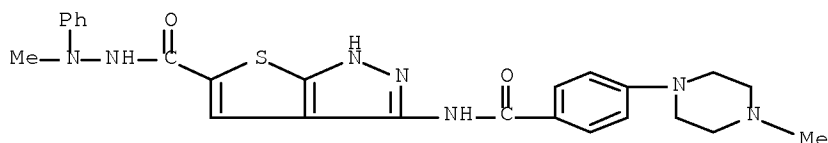
RN 909253-38-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-,
2-phenyl-2-(phenylmethyl)hydrazide (CA INDEX NAME)



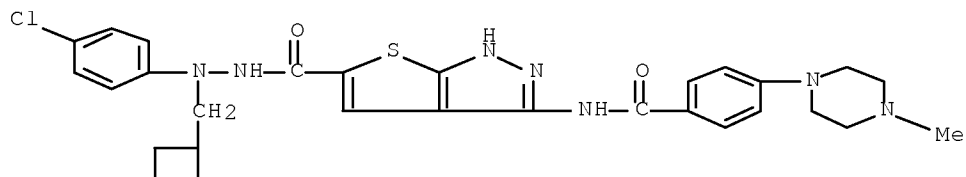
RN 909253-40-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-, 2-methyl-2-phenylhydrazide
(CA INDEX NAME)



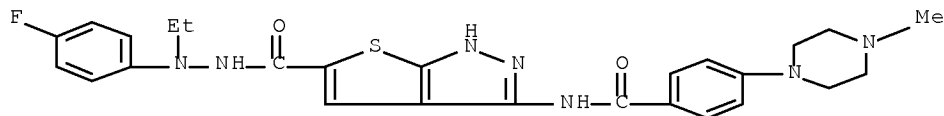
RN 909253-46-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-,
2-(4-chlorophenyl)-2-(cyclobutylmethyl)hydrazide (CA INDEX NAME)



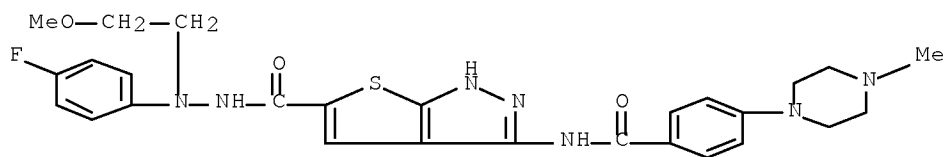
RN 909253-52-7 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-,
2-ethyl-2-(4-fluorophenyl)hydrazide (CA INDEX NAME)



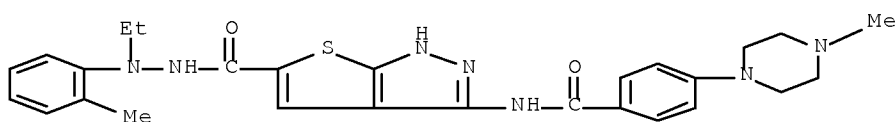
RN 909253-55-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-,
2-(4-fluorophenyl)-2-(2-methoxyethyl)hydrazide (CA INDEX NAME)



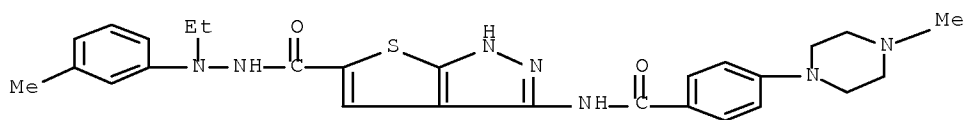
RN 909253-58-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-,
2-ethyl-2-(2-methylphenyl)hydrazide (CA INDEX NAME)



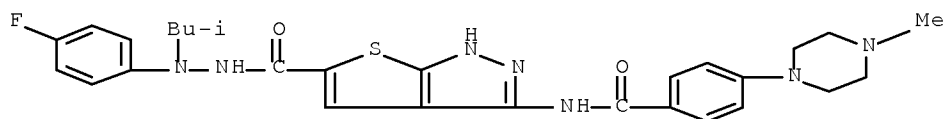
RN 909253-59-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-,
2-ethyl-2-(3-methylphenyl)hydrazide (CA INDEX NAME)



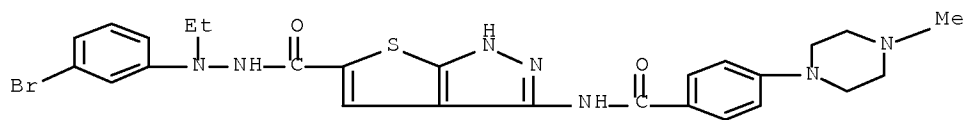
RN 909253-60-7 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-,
2-(4-fluorophenyl)-2-(2-methylpropyl)hydrazide (CA INDEX NAME)



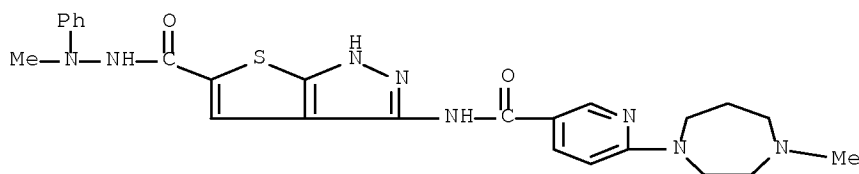
RN 909253-63-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-,
2-(3-bromophenyl)-2-ethylhydrazide (CA INDEX NAME)



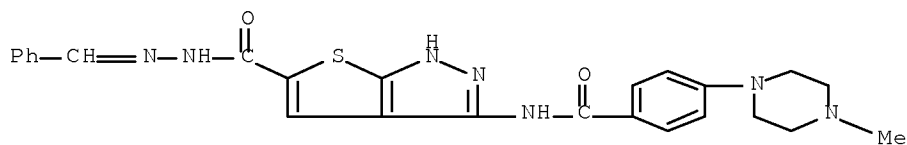
RN 909253-67-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[[6-(hexahydro-4-methyl-1H-1,4-diazepin-1-yl)-3-pyridinyl]carbonyl]amino]-, 2-methyl-2-phenylhydrazide (CA INDEX NAME)



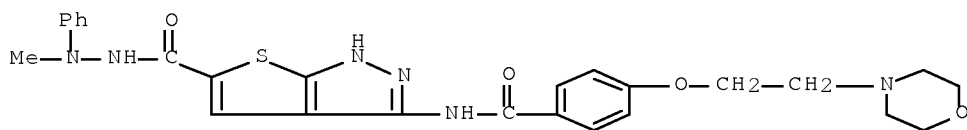
RN 909253-68-5 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-,
2-(phenylmethylene)hydrazide (CA INDEX NAME)



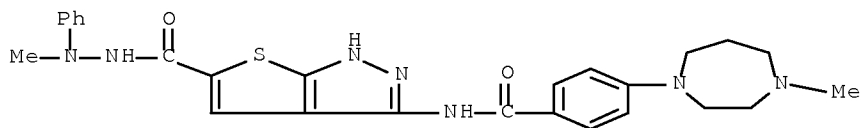
RN 909253-71-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[4-[2-(4-morpholinyl)ethoxy]benzoyl]amino]-, 2-methyl-2-phenylhydrazide
(CA INDEX NAME)



RN 909253-74-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[4-(hexahydro-4-methyl-1H-1,4-diazepin-1-yl)benzoyl]amino]-,
2-methyl-2-phenylhydrazide (CA INDEX NAME)



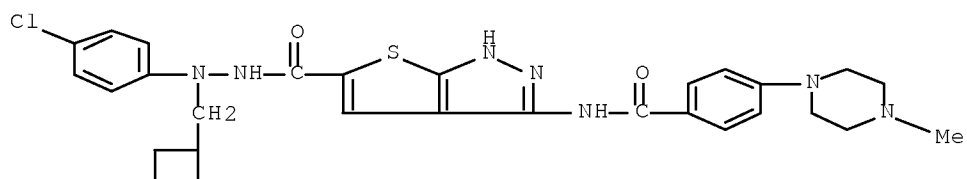
RN 909253-75-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-,
2-(4-chlorophenyl)-2-(cyclobutylmethyl)hydrazide, 2,2,2-trifluoroacetate
(1:1) (CA INDEX NAME)

CM 1

CRN 909253-46-9

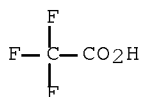
CMF C29 H32 Cl N7 O2 S



CM 2

CRN 76-05-1

CMF C2 H F3 O2



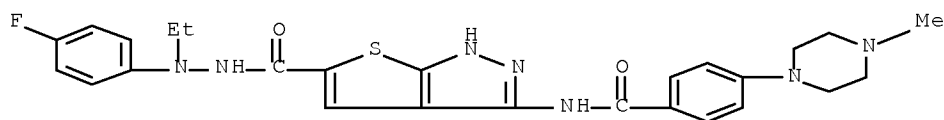
RN 909253-76-5 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-,
2-ethyl-2-(4-fluorophenyl)hydrazide, 2,2,2-trifluoroacetate (1:1) (CA
INDEX NAME)

CM 1

CRN 909253-52-7

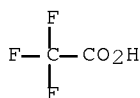
CMF C26 H28 F N7 O2 S



CM 2

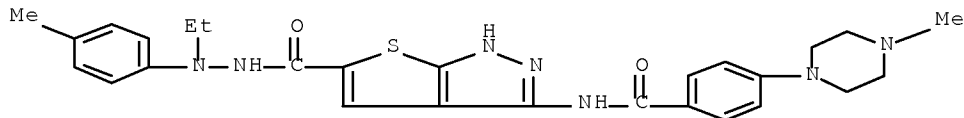
CRN 76-05-1

CMF C2 H F3 O2



RN 909253-77-6 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-,
2-ethyl-2-(4-methylphenyl)hydrazide (CA INDEX NAME)



IT 909252-58-0P, 1-(1-Ethoxyethyl)-3-(4-methoxybenzoylamino)-1H-thieno[2,3-c]pyrazole-5-carboxylic acid 909252-59-1P
909252-60-4P, Ethyl 1-(1-ethoxyethyl)-3-(4-methoxybenzoylamino)-1H-thieno[2,3-c]pyrazole-5-carboxylate 909252-68-2P
909252-69-3P, tert-Butyl 3-amino-5-[(2-methyl-2-phenylhydrazino)carbonyl]thieno[2,3-c]pyrazole-1-carboxylate 909252-70-6P, N'-Methyl-N'-phenyl-3-amino-1H-thieno[2,3-c]pyrazole-5-carboxylic hydrazide 909252-71-7P, Ethyl 3-amino-1H-thieno[2,3-c]pyrazole-5-carboxylate 909252-74-0P, tert-Butyl 3-(4-bromobenzoylamino)-5-[(2-methyl-2-phenylhydrazino)carbonyl]thieno[2,3-c]pyrazole-1-carboxylate 909252-76-2P, tert-Butyl 5-[(2-methyl-2-phenylhydrazino)carbonyl]-3-[4-[(4-methylpiperazin-1-yl)methyl]benzoylamino]thieno[2,3-c]pyrazole-1-carboxylate 909252-80-8P, tert-Butyl 3-(4-chloromethylbenzoylamino)-5-[(2-methyl-2-phenylhydrazino)carbonyl]thieno[2,3-c]pyrazole-1-carboxylate 909252-81-9P 909252-82-0P 909253-00-5P, tert-Butyl 5-[(2-methyl-2-phenylhydrazino)carbonyl]-3-[3-[(4-methylpiperazin-1-yl)methyl]benzoylamino]thieno[2,3-c]pyrazole-1-carboxylate 909253-01-6P 909253-14-1P, tert-Butyl 5-[(2-methyl-2-phenylhydrazino)carbonyl]-3-[3-[(morpholin-4-yl)methyl]benzoyl]amino]thieno[2,3-c]pyrazole-1-carboxylate

909253-15-2P 909253-24-3P, Ethyl
 1-(1-ethoxyethyl)-3-[4-(4-methylpiperazin-1-yl)benzoylamino]-1H-thieno[2,3-
 c]pyrazole-5-carboxylate 909253-25-4P 909253-29-8P
 909253-31-2P 909253-33-4P 909253-35-6P
 909253-37-8P 909253-43-6P 909253-48-1P
 909253-53-8P 909253-69-6P,

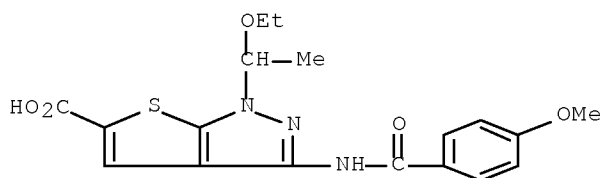
N-[5-(Hydrazinocarbonyl)-1H-thieno[2,3-c]pyrazol-3-yl]-4-(4-
 methylpiperazin-1-yl)benzamide 909253-72-1P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)

(intermediate; preparation of hydrazinocarbonyl-thieno[2,3-c]pyrazoles as
 inhibitors of protein kinases)

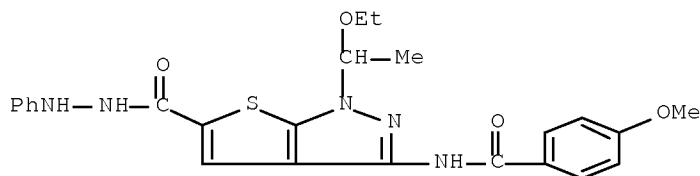
RN 909252-58-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
 1-(1-ethoxyethyl)-3-[(4-methoxybenzoyl)amino]- (CA INDEX NAME)



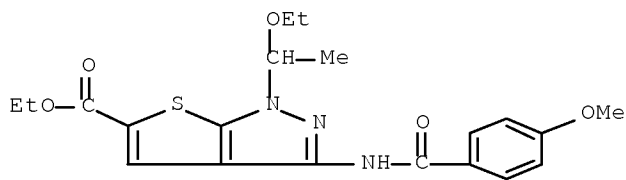
RN 909252-59-1 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
 1-(1-ethoxyethyl)-3-[(4-methoxybenzoyl)amino]-, 2-phenylhydrazide (CA
 INDEX NAME)



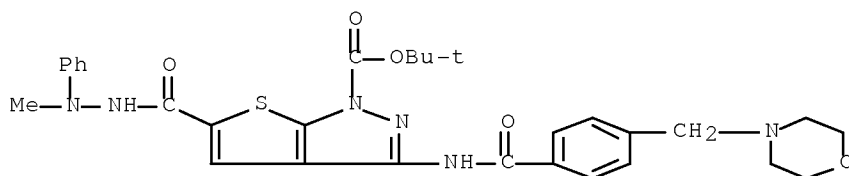
RN 909252-60-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
 1-(1-ethoxyethyl)-3-[(4-methoxybenzoyl)amino]-, ethyl ester (CA INDEX
 NAME)



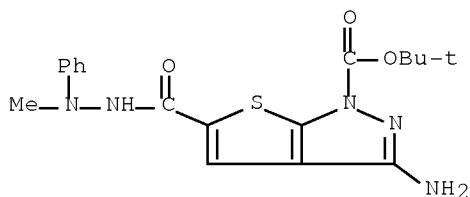
RN 909252-68-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
3-[[4-(4-morpholinylmethyl)benzoyl]amino]-, 1-(1,1-dimethylethyl) ester,
5-(2-methyl-2-phenylhydrazide) (CA INDEX NAME)



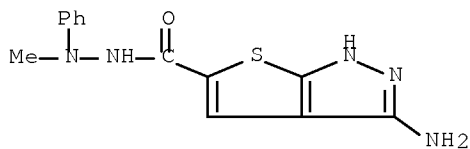
RN 909252-69-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid, 3-amino-,
1-(1,1-dimethylethyl) ester, 5-(2-methyl-2-phenylhydrazide) (CA INDEX
NAME)



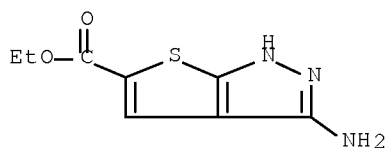
RN 909252-70-6 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid, 3-amino-,
2-methyl-2-phenylhydrazide (CA INDEX NAME)



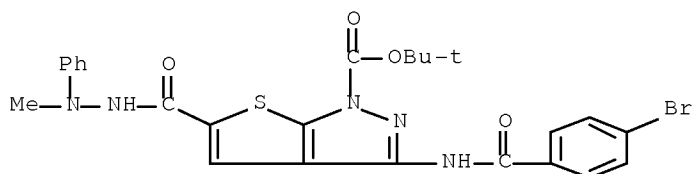
RN 909252-71-7 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid, 3-amino-, ethyl ester (CA
INDEX NAME)



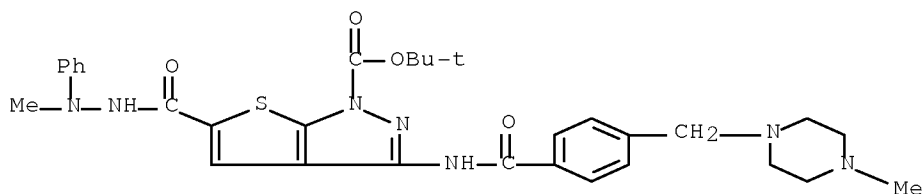
RN 909252-74-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
3-[(4-bromobenzoyl)amino]-, 1-(1,1-dimethylethyl) ester,
5-(2-methyl-2-phenylhydrazide) (CA INDEX NAME)



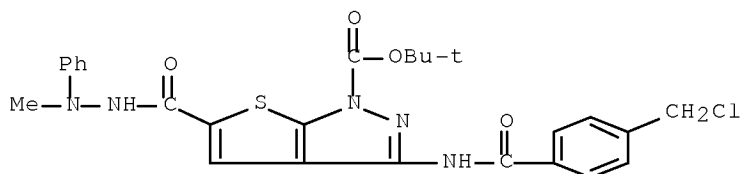
RN 909252-76-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
3-[[4-[(4-methyl-1-piperazinyl)methyl]benzoyl]amino]-,
1-(1,1-dimethylethyl) ester, 5-(2-methyl-2-phenylhydrazide) (CA INDEX
NAME)



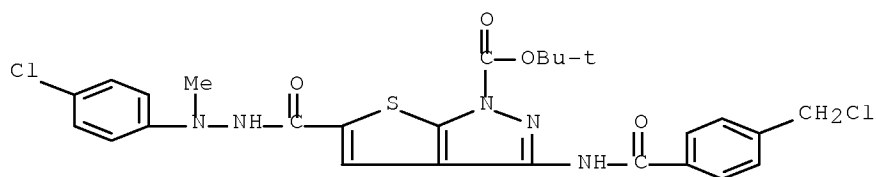
RN 909252-80-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
3-[[4-(chloromethyl)benzoyl]amino]-, 1-(1,1-dimethylethyl) ester,
5-(2-methyl-2-phenylhydrazide) (CA INDEX NAME)



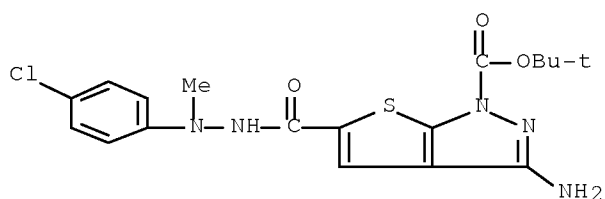
RN 909252-81-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
3-[[4-(chloromethyl)benzoyl]amino]-, 1-(1,1-dimethylethyl) ester,
5-[2-(4-chlorophenyl)-2-methylhydrazide] (CA INDEX NAME)



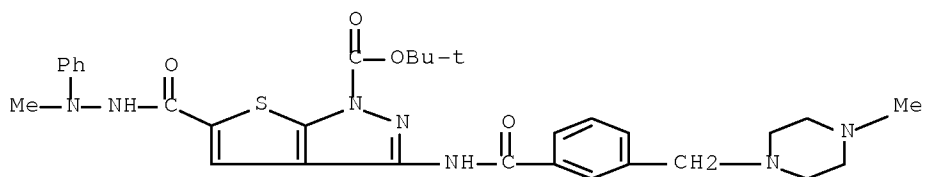
RN 909252-82-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid, 3-amino-,
1-(1,1-dimethylethyl) ester, 5-[2-(4-chlorophenyl)-2-methylhydrazide] (CA
INDEX NAME)



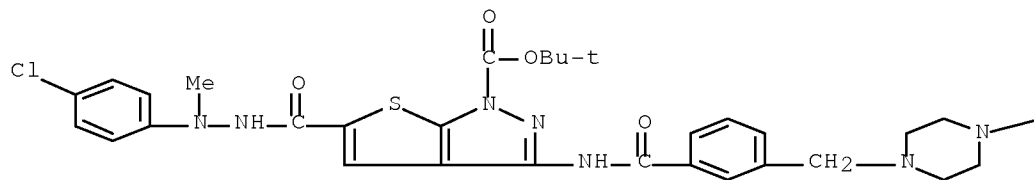
RN 909253-00-5 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
3-[[3-[(4-methyl-1-piperazinyl)methyl]benzoyl]amino]-,
1-(1,1-dimethylethyl) ester, 5-(2-methyl-2-phenylhydrazide) (CA INDEX
NAME)



RN 909253-01-6 CAPLUS

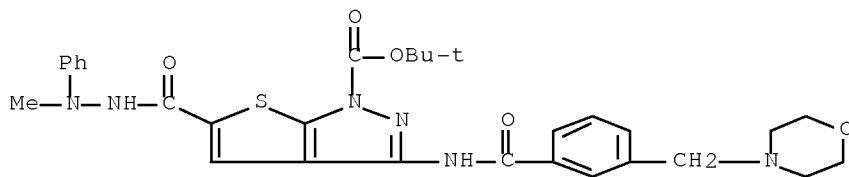
CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
3-[[3-[(4-methyl-1-piperazinyl)methyl]benzoyl]amino]-,
1-(1,1-dimethylethyl) ester, 5-[2-(4-chlorophenyl)-2-methylhydrazide] (CA
INDEX NAME)



Me

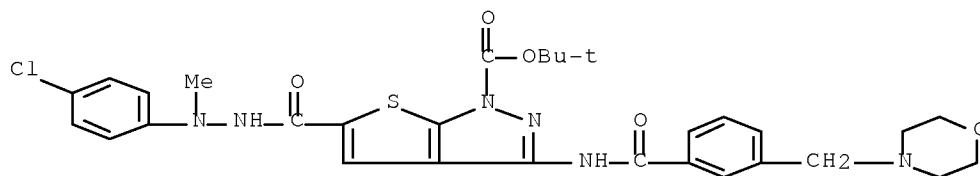
RN 909253-14-1 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
3-[[3-(4-morpholinylmethyl)benzoyl]amino]-, 1-(1,1-dimethylethyl) ester,
5-(2-methyl-2-phenylhydrazide) (CA INDEX NAME)



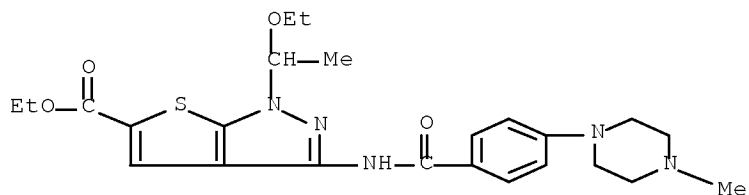
RN 909253-15-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
3-[[3-(4-morpholinylmethyl)benzoyl]amino]-, 1-(1,1-dimethylethyl) ester,
5-[2-(4-chlorophenyl)-2-methylhydrazide] (CA INDEX NAME)



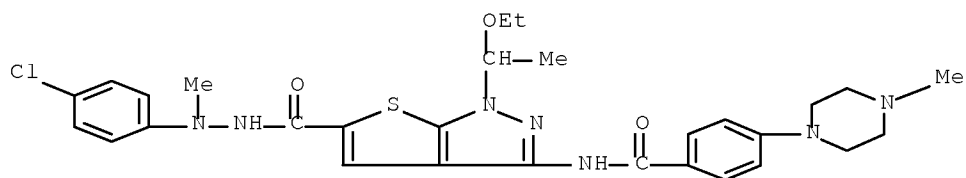
RN 909253-24-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
1-(1-ethoxyethyl)-3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-, ethyl
ester (CA INDEX NAME)



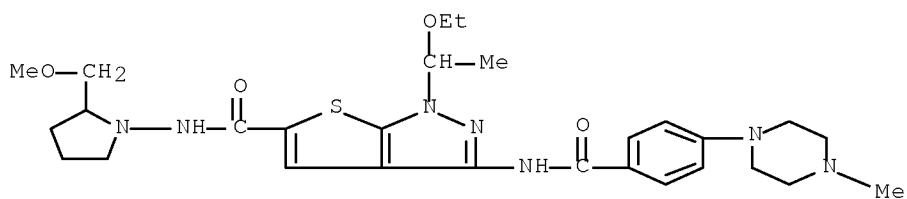
RN 909253-25-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
1-(1-ethoxyethyl)-3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-,
2-(4-chlorophenyl)-2-methylhydrazide (CA INDEX NAME)



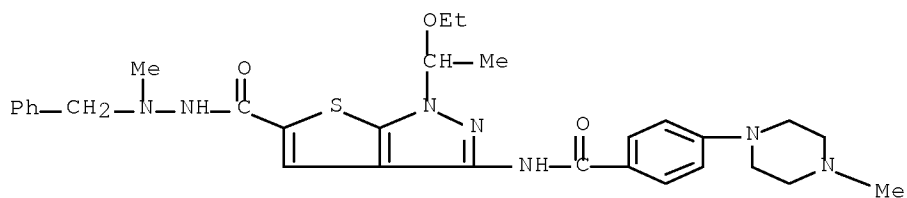
RN 909253-29-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
1-(1-ethoxyethyl)-N-[2-(methoxymethyl)-1-pyrrolidinyl]-3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]- (CA INDEX NAME)



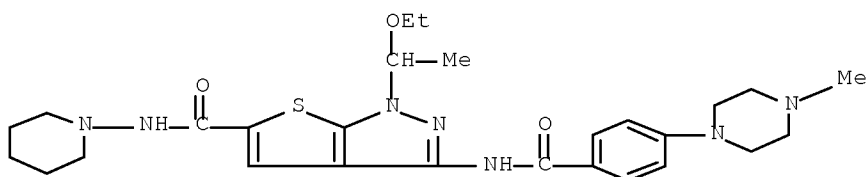
RN 909253-31-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
1-(1-ethoxyethyl)-3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-,
2-methyl-2-(phenylmethyl)hydrazide (CA INDEX NAME)



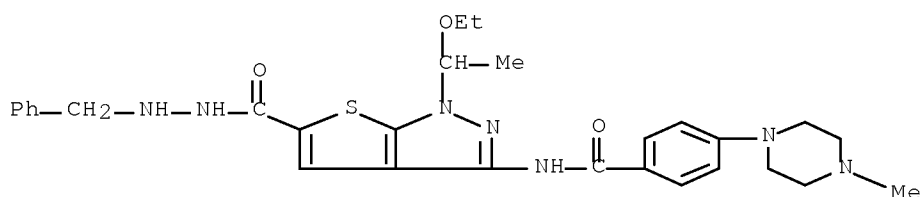
RN 909253-33-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
1-(1-ethoxyethyl)-3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-N-1-
piperidinyl- (CA INDEX NAME)



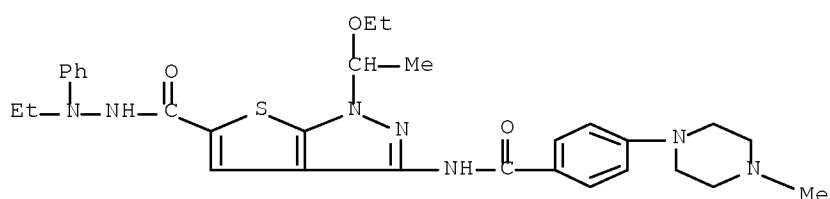
RN 909253-35-6 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
1-(1-ethoxyethyl)-3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-,
2-(phenylmethyl)hydrazide (CA INDEX NAME)



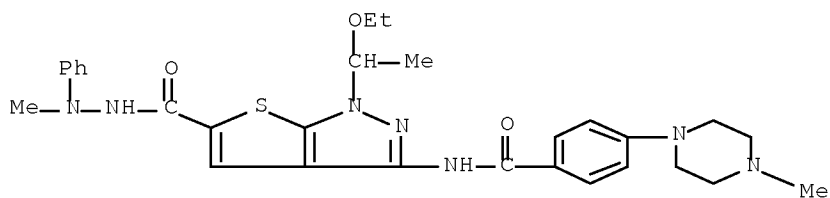
RN 909253-37-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
1-(1-ethoxyethyl)-3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-,
2-ethyl-2-phenylhydrazide (CA INDEX NAME)



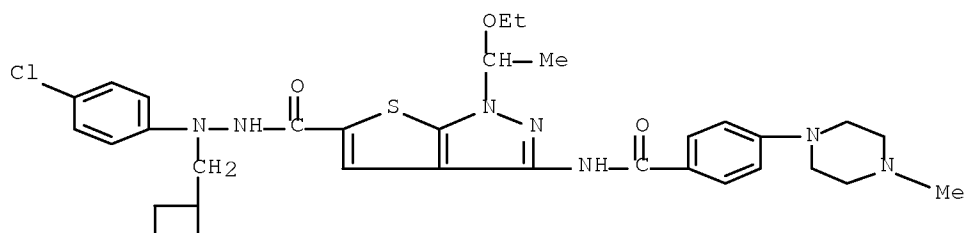
RN 909253-43-6 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
1-(1-ethoxyethyl)-3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-,
2-methyl-2-phenylhydrazide (CA INDEX NAME)



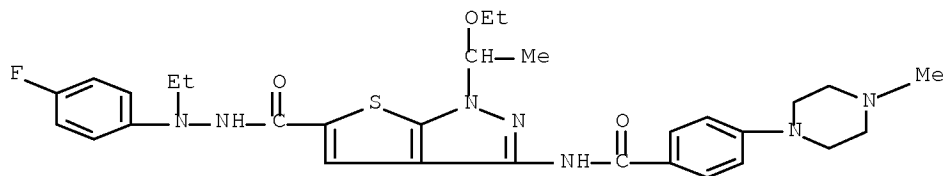
RN 909253-48-1 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
1-(1-ethoxyethyl)-3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-,
2-(4-chlorophenyl)-2-(cyclobutylmethyl)hydrazide (CA INDEX NAME)



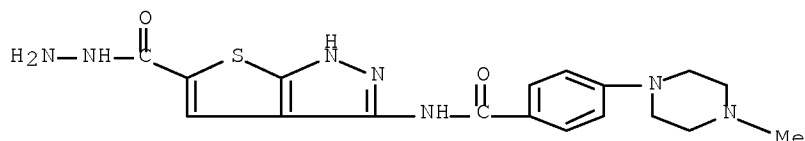
RN 909253-53-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
1-(1-ethoxyethyl)-3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-,
2-ethyl-2-(4-fluorophenyl)hydrazide (CA INDEX NAME)



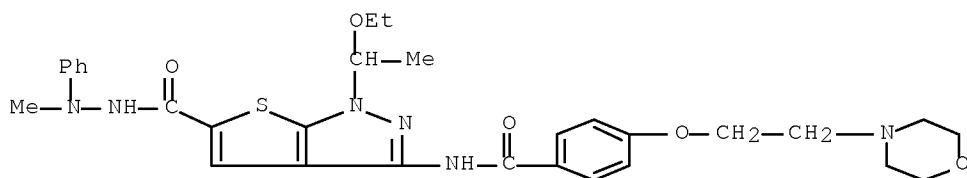
RN 909253-69-6 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-, hydrazide (CA INDEX NAME)



RN 909253-72-1 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
1-(1-ethoxyethyl)-3-[[4-[2-(4-morpholinyl)ethoxy]benzoyl]amino]-,
2-methyl-2-phenylhydrazide (CA INDEX NAME)



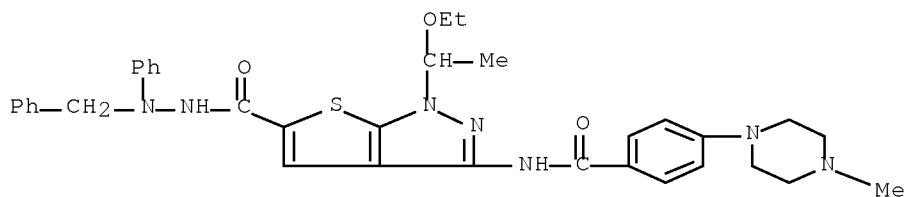
IT 909253-39-0P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of hydrazinocarbonyl-thieno[2,3-c]pyrazoles as inhibitors of protein kinases)

RN 909253-39-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
1-(1-ethoxyethyl)-3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-,
2-phenyl-2-(phenylmethyl)hydrazide (CA INDEX NAME)



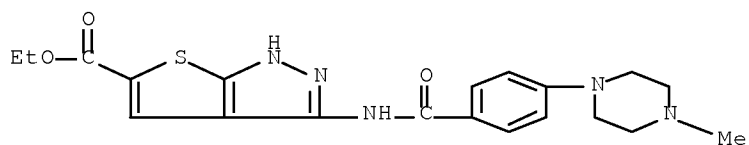
IT 909253-70-9P, Ethyl 3-[4-(4-methylpiperazin-1-yl)benzoylamino]-1H-thieno[2,3-c]pyrazole-5-carboxylate

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

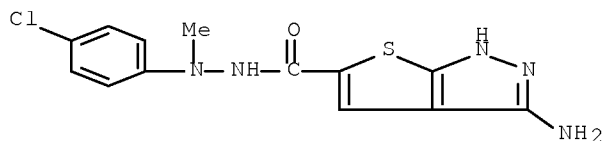
(preparation of hydrazinocarbonyl-thieno[2,3-c]pyrazoles as inhibitors of protein kinases)

RN 909253-70-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-, ethyl ester (CA INDEX NAME)



IT 909252-87-SP, N'-(4-Chlorophenyl)-N'-methyl-3-amino-1H-thieno[2,3-c]pyrazole-5-carboxylic hydrazide
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of hydrazinocarbonyl-thieno[2,3-c]pyrazoles as inhibitors of protein kinases)
 RN 909252-87-5 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid, 3-amino-,
 2-(4-chlorophenyl)-2-methylhydrazide (CA INDEX NAME)

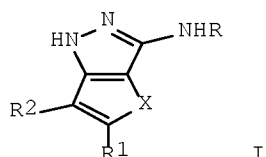


REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 7 OF 22 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2006:708185 CAPLUS [Full-text](#)
 DOCUMENT NUMBER: 145:167237
 TITLE: Preparation of heterocyclo-fused pyrazoles as protein kinase inhibitors.
 INVENTOR(S): Tonani, Roberto; Bindi, Simona; Fancelli, Daniele; Pittala', Valeria; D' Anello, Matteo
 PATENT ASSIGNEE(S): Pharmacia Italia S.p.A., Italy
 SOURCE: U.S. Pat. Appl. Publ., 28 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|-------------------|----------|-----------------|----------|
| US 20060160874 | A1 | 20060720 | US 2005-37986 | 20050118 |
| PRIORITY APPLN. INFO.: | | | US 2005-37986 | 20050118 |
| OTHER SOURCE(S): | MARPAT 145:167237 | | | |

GI



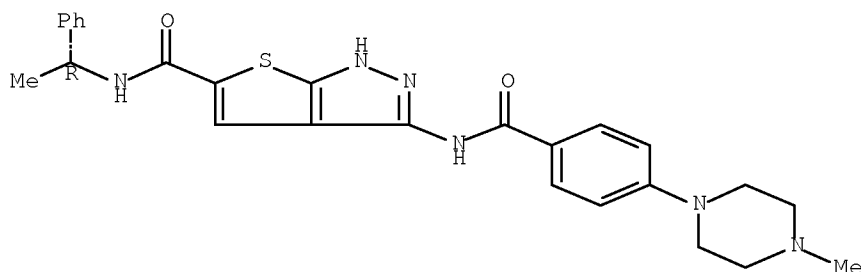
AB Title compds. [I; X NR', O, S, SO, SO₂; R, R₁ = H, (substituted) R', COR', CO₂R', CONHR', SO₂R', etc.; R' = H, (substituted) alkyl, alkenyl, alkynyl, aryl, heterocyclyl, aralkyl; R₂ = R', CH₂OR', OR'], were prepared Thus, Me 3-[(4-morpholin-4-ylbenzoyl)amino]-1H-thieno[3,2-c]pyrazole-5-carboxylate (preparation from Me 5-bromo-4-nitrothiophene-2-carboxylate and morpholin-4-ylbenzoic acid given) inhibited Aurora-1 kinase with IC₅₀ <100 nM.

IT 648412-09-3P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of heterocyclo-fused pyrazoles as protein kinase inhibitors)

RN 648412-09-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
 3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-N-[(1R)-1-phenylethyl]- (CA INDEX NAME)

Absolute stereochemistry.



L3 ANSWER 8 OF 22 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2006:510459 CAPLUS [Full-text](#)

DOCUMENT NUMBER: 145:8163

TITLE: Substituted 1H-thieno[2,3-c]pyrazoles, their preparation, compositions containing them and their use as inhibitors of protein kinases for treating cancer

INVENTOR(S): Carry, Jean-Christophe; Doerflinger, Gilles; Bigot, Antony; Barbalat-Damour, Dominique; Clerc, Francois

PATENT ASSIGNEE(S): Aventis Pharma S.A., Fr.

SOURCE: PCT Int. Appl., 60 pp.
 CODEN: PIXXD2

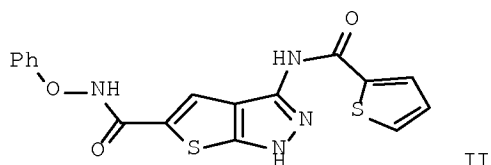
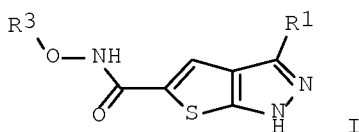
DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|------------------------------------|------------|
| WO 2006056697 | A1 | 20060601 | WO 2005-FR2933 | 20051125 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| FR 2878442 | A1 | 20060602 | FR 2004-12644 | 20041129 |
| FR 2878442 | B1 | 20081024 | | |
| EP 1824859 | A1 | 20070829 | EP 2005-822880 | 20051125 |
| R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU | | | | |
| JP 2008521781 | T | 20080626 | JP 2007-542047 | 20051125 |
| US 20080058402 | A1 | 20080306 | US 2007-752612 | 20070523 |
| PRIORITY APPLN. INFO.: | | | FR 2004-12644 | A 20041129 |
| | | | WO 2005-FR2933 | W 20051125 |
| OTHER SOURCE(S): | | | CASREACT 145:8163; MARPAT 145:8163 | |
| GI | | | | |



AB Title compds. I [R1 = independently R2, NHCOR2, CH:CH-R2, etc.; R2 = heteroaryl/aryl/heterocyclo/cyclo/alkyl, etc.; R3 = alkyl, alkyl/aryl, alkyl/heteroaryl; with the proviso that when R3 = alkyl, than R1 is not hetero/aryl or CH:CH-R2, where R2 = hetero/aryl; their racemates, enantiomers and diastereomers, and their pharmaceutical addition salts with mineral and organic acids or mineral and organic bases] were prepared as inhibitors of protein kinases, particularly Aurora 2 kinase (data) for treating cancer (no data). E.g., a 7-step synthesis starting from 3,4,5-tribromopyrazole was given for thienopyrazole II•HCl. II inhibited Aurora 2, CDK2 and Tie2 with IC50 of < 50 nM, < 500 nM and < 500 nM, resp.

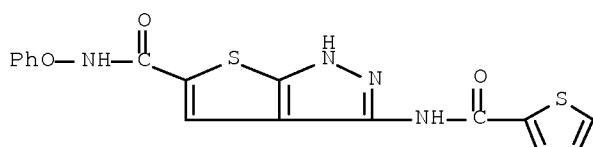
IT 888485-00-5P, 5-[(N-Phenoxyamino)carbonyl]-3-[[[(thien-2-yl)carbonyl]amino]-1H-thieno[2,3-c]pyrazole hydrochloride
 888485-03-8P, 5-[(N-Phenoxyamino)carbonyl]-3-[[[(thien-2-yl)carbonyl]amino]-1H-thieno[2,3-c]pyrazole

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; preparation of 1H-thieno[2,3-c]pyrazoles as inhibitors of protein kinases and their use for treating cancer)

RN 888485-00-5 CAPLUS

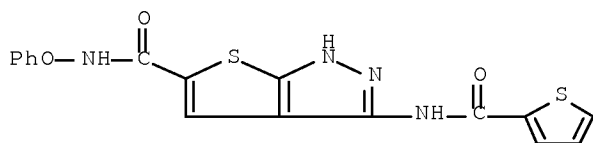
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-phenoxy-3-[(2-thienylcarbonyl)amino]-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

RN 888485-03-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-phenoxy-3-[(2-thienylcarbonyl)amino]- (CA INDEX NAME)



IT 836633-22-8F, Ethyl 1-(1-ethoxyethyl)-3-[[(thien-2-yl)carbonyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxylate
888485-01-6F, 1-(1-Ethoxyethyl)-5-[(N-phenoxyamino)carbonyl]-3-[[(thien-2-yl)carbonyl]amino]-1H-thieno[2,3-c]pyrazole

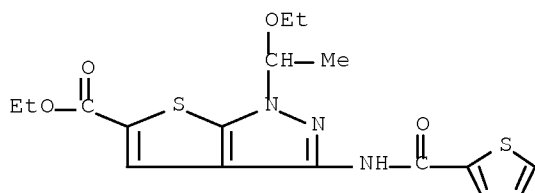
888485-02-7F, 1-(1-Ethoxyethyl)-3-[[(thien-2-yl)carbonyl]amino]-1H-thieno[2,3-c]pyrazole-5-carboxylic acid

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

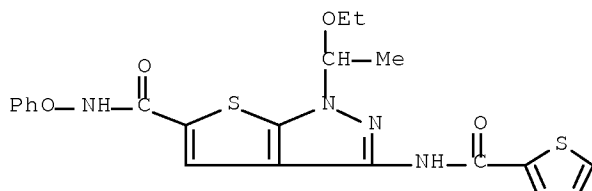
(intermediate; preparation of 1H-thieno[2,3-c]pyrazoles as inhibitors of protein kinases and their use for treating cancer)

RN 836633-22-8 CAPLUS

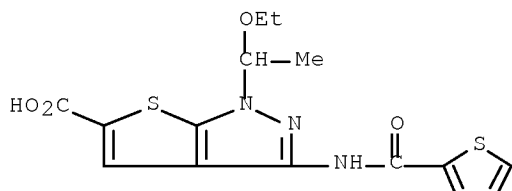
CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
1-(1-ethoxyethyl)-3-[(2-thienylcarbonyl)amino]-, ethyl ester (CA INDEX NAME)



RN 888485-01-6 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
 1-(1-ethoxyethyl)-N-phenoxycarbonyl-3-[(2-thienylcarbonyl)amino]- (CA INDEX NAME)



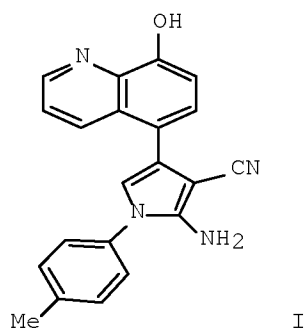
RN 888485-02-7 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
 1-(1-ethoxyethyl)-3-[(2-thienylcarbonyl)amino]- (CA INDEX NAME)



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 9 OF 22 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2005:1104610 CAPLUS Full-text
 DOCUMENT NUMBER: 145:249062
 TITLE: Synthesis, reactions and antimicrobial activity of
 2-amino-4-(8-quinolinol-5-yl)-1-(p-tolyl)-pyrrole-3-
 carbonitrile
 AUTHOR(S): Abdel-Mohsen, Shawkat A.
 CORPORATE SOURCE: Chemistry Department, Faculty of Science, Assiut
 University, Assiut, 71516, Egypt
 SOURCE: Bulletin of the Korean Chemical Society (2005), 26(5),
 719-728
 CODEN: BKCSDE; ISSN: 0253-2964
 PUBLISHER: Korean Chemical Society
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 145:249062

GI



AB A novel 2-amino-4-(8-quinolinol-5-yl)-1-(p-tolyl)-pyrrole-3-carbonitrile (I) was obtained by the reaction of 2-[2-bromo-1-(8-hydroxyquinolin-5-yl)-ethylidene]-malononitrile with p-toluidine. The new synthon I could be annulated to the corresponding pyrrolo[2,3-d]pyrimidines, triazolo[1,5-c]pyrrolo[3,2-e]pyrimidines, pyrrolo[2,3-c]pyrazoles, pyrrolo[1,2-a]pyrrolo[3,2-e]pyrimidine and imidazo[1,2-c]pyrrolo[3,2-e]pyrimidine via the reactions with some reagents such as acetic anhydride, formamide, tri-Et orthoformate, hydrazine hydrate, hydroxylamine, ethylenediamine, carbon disulfide and phosphorus oxychloride. Chemical and spectroscopic data for the structures of these compds. were presented. The antifungal and antibacterial activity of the newly synthesized compds. were evaluated.

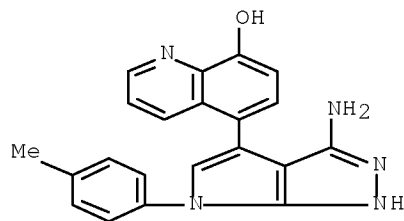
IT 906450-63-3P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent)

(preparation, antifungal and antibacterial activity of (pyrrolo)pyrazoles via condensation of amino(cyano)tolyl(quinolinyl)pyrrole with hydroxylamine followed by heterocyclization with appropriate reagents)

RN 906450-63-3 CAPLUS

CN 8-Quinolinol, 5-[3-amino-1,6-dihydro-6-(4-methylphenyl)pyrrolo[2,3-c]pyrazol-4-yl]- (CA INDEX NAME)

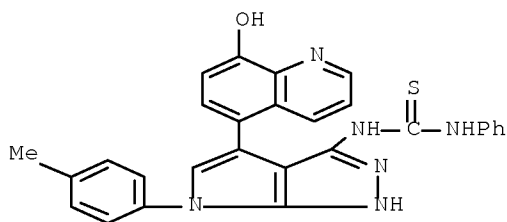


IT 906450-67-7P

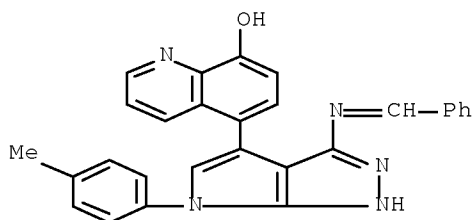
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

(preparation, antifungal and antibacterial activity of (pyrrolo)pyrazoles via condensation of amino(cyano)tolyl(quinolinyl)pyrrole with hydroxylamine followed by heterocyclization with appropriate reagents)

RN 906450-67-7 CAPLUS
 CN Thiourea, N-[1,6-dihydro-4-(8-hydroxy-5-quinolinyl)-6-(4-methylphenyl)pyrrolo[2,3-c]pyrazol-3-yl]-N'-phenyl- (CA INDEX NAME)



IT 906450-64-4P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation, antifungal and antibacterial activity of (pyrrolo)pyrazoles
 via condensation of amino(cyano)tolyl(quinolinyl)pyrrole with
 hydroxylamine followed by heterocyclization with appropriate reagents)
 RN 906450-64-4 CAPLUS
 CN 8-Quinolinol, 5-[1,6-dihydro-6-(4-methylphenyl)-3-
 [(phenylmethylene)amino]pyrrolo[2,3-c]pyrazol-4-yl]- (CA INDEX NAME)



REFERENCE COUNT: 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 10 OF 22 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2005:823564 CAPLUS [Full-text](#)
 DOCUMENT NUMBER: 143:229842
 TITLE: Preparation of thieno[2,3-c]pyrazole derivatives as
 protein kinase inhibitors
 INVENTOR(S): Fancelli, Daniele; Bindi, Simona; Varasi, Mario;
 Vianello, Paola; Vioglio, Sergio; Tesei, Dania
 PATENT ASSIGNEE(S): Pharmacia Italia S.p.A., Italy
 SOURCE: PCT Int. Appl., 67 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|----------|
| ----- | ---- | ----- | ----- | ----- |
| WO 2005074922 | A1 | 20050818 | WO 2005-EP1021 | 20050202 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, | | | | |

CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
 GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
 LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
 NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
 TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
 EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,
 RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
 MR, NE, SN, TD, TG
 AU 2005210114 A1 20050818 AU 2005-210114 20050202
 CA 2555262 A1 20050818 CA 2005-2555262 20050202
 EP 1711177 A1 20061018 EP 2005-701307 20050202
 EP 1711177 B1 20080528
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS
 CN 1946395 A 20070411 CN 2005-80005922 20050202
 BR 2005007375 A 20070710 BR 2005-7375 20050202
 JP 2007520513 T 20070726 JP 2006-551790 20050202
 AT 396724 T 20080615 AT 2005-701307 20050202
 ES 2307144 T3 20081116 ES 2005-701307 20050202
 US 20050187209 A1 20050825 US 2005-50360 20050203
 IN 2006DN04402 A 20070810 IN 2006-DN4402 20060731
 MX 2006PA08787 A 20070119 MX 2006-PA8787 20060802
 NO 2006003768 A 20061102 NO 2006-3768 20060823
 KR 2006124734 A 20061205 KR 2006-717754 20060901
 PRIORITY APPLN. INFO.: US 2004-541452P P 20040203
 WO 2005-EP1021 W 20050202
 OTHER SOURCE(S): CASREACT 143:229842; MARPAT 143:229842
 GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Title compds. I [R = (un)substituted aryl or heteroaryl; R1 and R2
 independently = H, alkyl, CONH2, etc. or together may form cycloalkyl ring
 with provisions; R3 = H, halo, OH, etc.] and their pharmaceutically acceptable
 salts, are prepared and disclosed as protein kinase inhibitors. Thus, e.g., II
 was prepared by amination of 1-(ethoxycarbonyl)-3-[(4-morpholin-4-
 ylbenzoyl)amino]-1H-thieno[2,3- c]pyrazole-5-carboxylic acid hydrochloride
 (preparation given) with cumylamine and subsequent deprotection. The
 inhibitory activity of I towards Aurora-2 kinase was evaluated utilizing a
 scintillation assay and it was revealed that selected compds. of the invention
 displayed IC50 values below 20 nM. I as protein kinase inhibitor should prove
 useful in the treatment of cancer. Pharmaceutical compns. comprising I are
 disclosed.

IT 648412-09-3P 836633-13-7P 862555-81-5P
 862555-87-1P 862555-94-0P 862555-99-5P
 862556-05-6P 862556-11-4P 862556-16-9P
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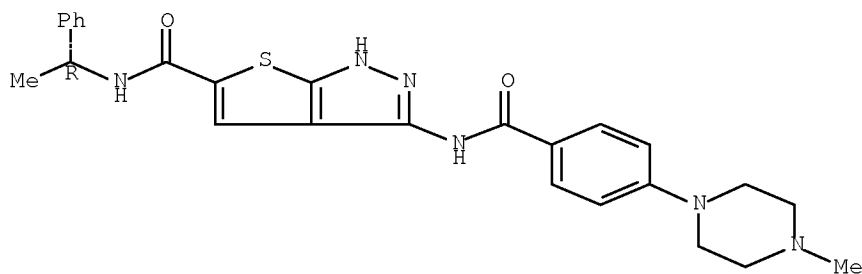
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
 (Uses)

(preparation of thieno[2,3-c]pyrazole derivs. as protein kinase inhibitors)

RN 648412-09-3 CAPLUS

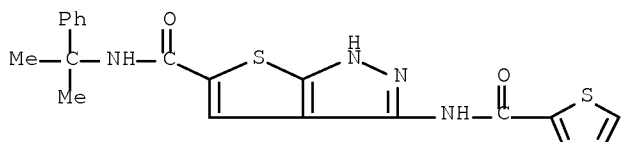
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
 3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-N-[(1R)-1-phenylethyl]- (CA
 INDEX NAME)

Absolute stereochemistry.



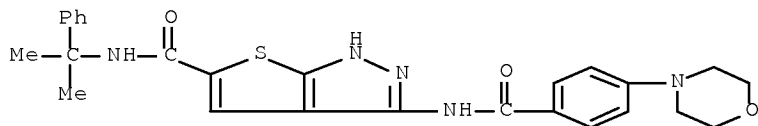
RN 836633-13-7 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[(2-thienylcarbonyl)amino]- (CA INDEX NAME)



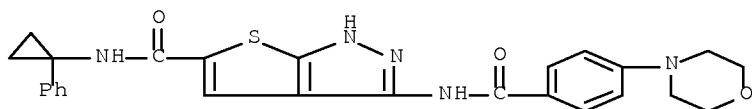
RN 862555-81-5 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[[4-(4-morpholinyl)benzoyl]amino]- (CA INDEX NAME)



RN 862555-87-1 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[4-(4-morpholinyl)benzoyl]amino]-N-(1-phenylcyclopropyl)- (CA INDEX NAME)

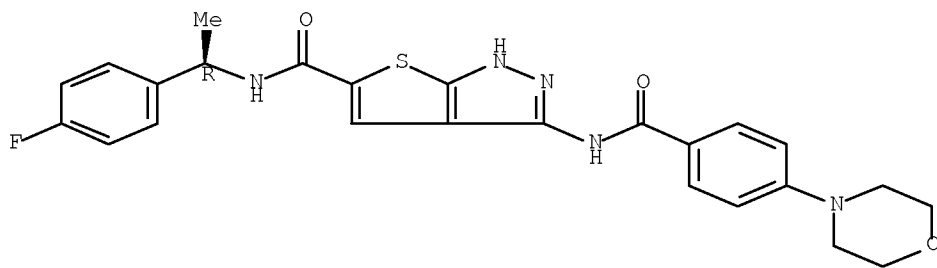


RN 862555-94-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[(1R)-1-(4-fluorophenyl)ethyl]-3-[[4-(4-morpholinyl)benzoyl]amino]- (CA INDEX NAME)

INDEX NAME)

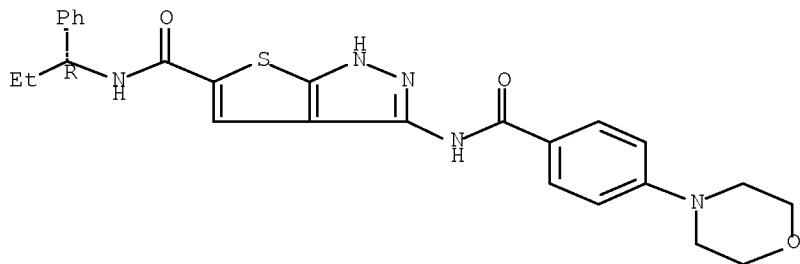
Absolute stereochemistry.



RN 862555-99-5 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[4-(4-morpholinyl)benzoyl]amino]-N-[(1R)-1-phenylpropyl]- (CA INDEX
NAME)

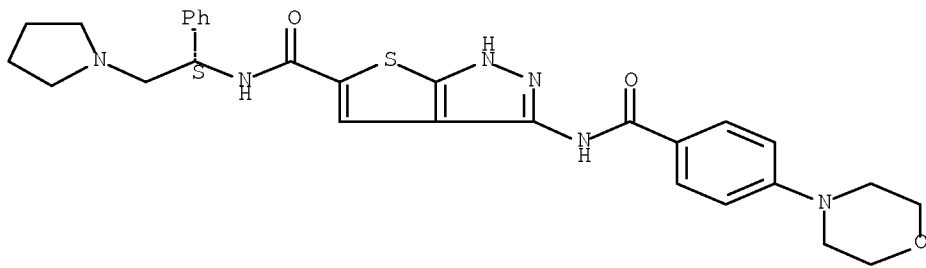
Absolute stereochemistry.



RN 862556-05-6 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[4-(4-morpholinyl)benzoyl]amino]-N-[(1S)-1-phenyl-2-(1-
pyrrolidinyl)ethyl]- (CA INDEX NAME)

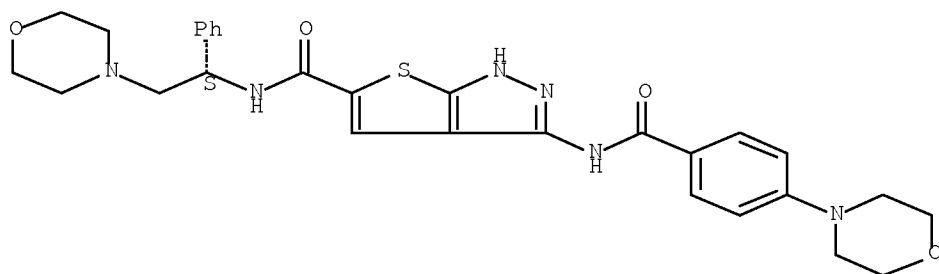
Absolute stereochemistry.



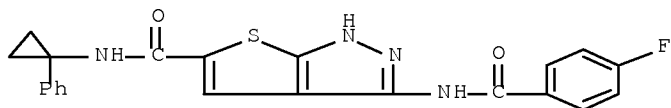
RN 862556-11-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[4-(4-morpholinyl)benzoyl]amino]-N-[(1S)-2-(4-morpholinyl)-1-phenylethyl]- (CA INDEX NAME)

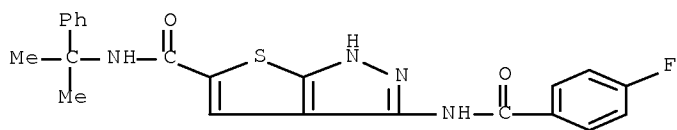
Absolute stereochemistry.



RN 862556-16-9 CAPLUS
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[(4-fluorobenzoyl)amino]-N-(1-phenylcyclopropyl)- (CA INDEX NAME)

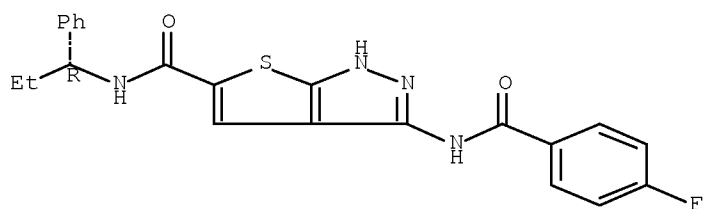


RN 862556-21-6 CAPLUS
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[(4-fluorobenzoyl)amino]-N-(1-methyl-1-phenylethyl)- (CA INDEX NAME)



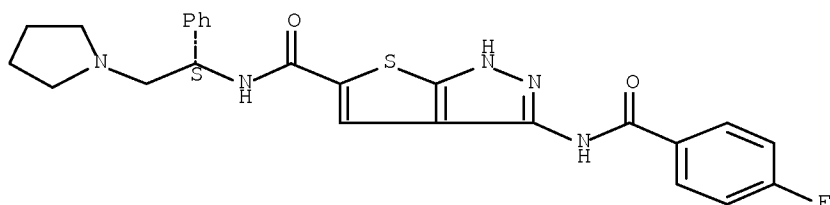
RN 862556-27-2 CAPLUS
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[(4-fluorobenzoyl)amino]-N-[(1R)-1-phenylpropyl]- (CA INDEX NAME)

Absolute stereochemistry.



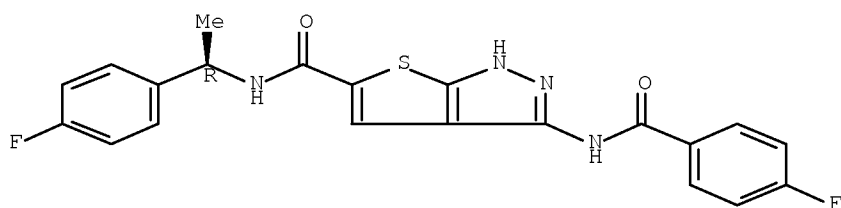
RN 862556-33-0 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
 3-[(4-fluorobenzoyl)amino]-N-[(1S)-1-phenyl-2-(1-pyrrolidinyl)ethyl]- (CA
 INDEX NAME)

Absolute stereochemistry.



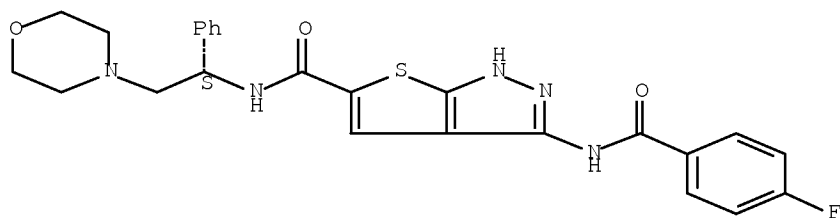
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 CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
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 NAME)

Absolute stereochemistry.

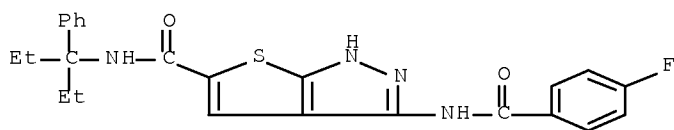


RN 862556-43-2 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
 3-[(4-fluorobenzoyl)amino]-N-[(1S)-2-(4-morpholinyl)-1-phenylethyl]- (CA
 INDEX NAME)

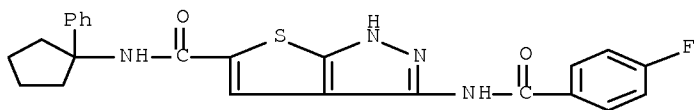
Absolute stereochemistry.



RN 862556-47-6 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
 N-(1-ethyl-1-phenylpropyl)-3-[(4-fluorobenzoyl)amino]- (CA INDEX NAME)

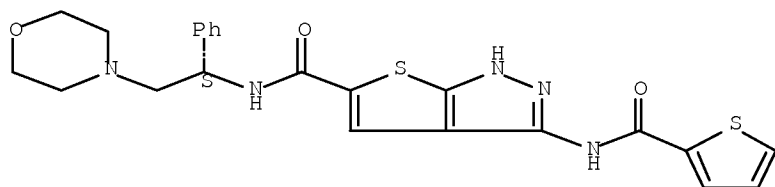


RN 862556-52-3 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
 3-[(4-fluorobenzoyl)amino]-N-(1-phenylcyclopentyl)- (CA INDEX NAME)



RN 862556-57-8 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
 N-[(1S)-2-(4-morpholinyl)-1-phenylethyl]-3-[(2-thienylcarbonyl)amino]-
 (CA INDEX NAME)

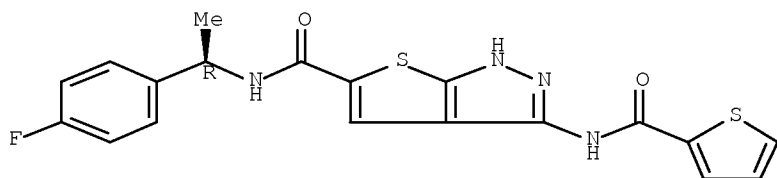
Absolute stereochemistry.



RN 862556-67-0 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
 N-[(1R)-1-(4-fluorophenyl)ethyl]-3-[(2-thienylcarbonyl)amino]- (CA INDEX NAME)

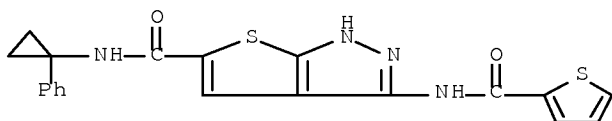
NAME)

Absolute stereochemistry.



RN 862556-71-6 CAPLUS

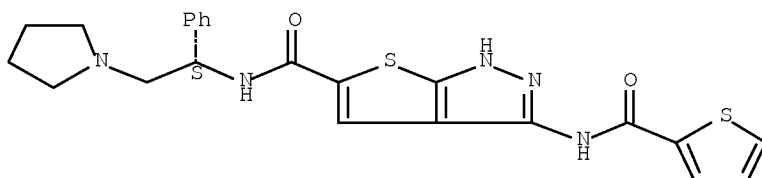
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-phenylcyclopropyl)-3-[(2-thienylcarbonyl)amino]- (CA INDEX NAME)



RN 862556-75-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[(1S)-1-phenyl-2-(1-pyrrolidinyl)ethyl]-3-[(2-thienylcarbonyl)amino]-
(CA INDEX NAME)

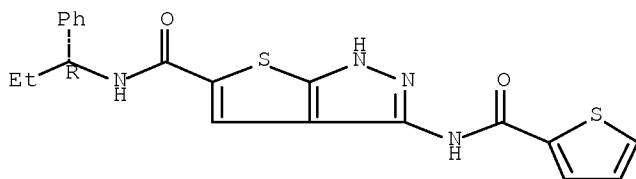
Absolute stereochemistry.



RN 862556-78-3 CAPLUS

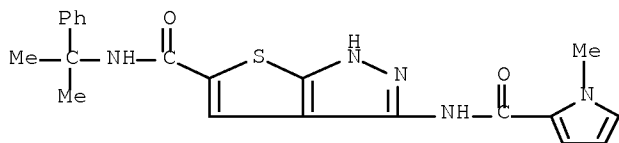
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[(1R)-1-phenylpropyl]-3-[(2-thienylcarbonyl)amino]- (CA INDEX NAME)

Absolute stereochemistry.



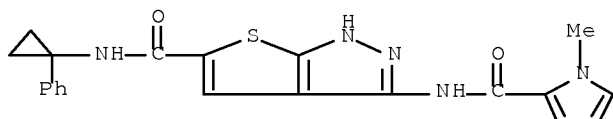
RN 862556-81-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[[(1-methyl-1H-pyrrol-2-yl)carbonyl]amino]-
(CA INDEX NAME)



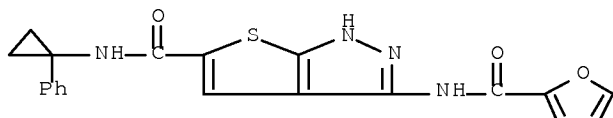
RN 862556-84-1 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[(1-methyl-1H-pyrrol-2-yl)carbonyl]amino]-N-(1-phenylcyclopropyl)- (CA
INDEX NAME)



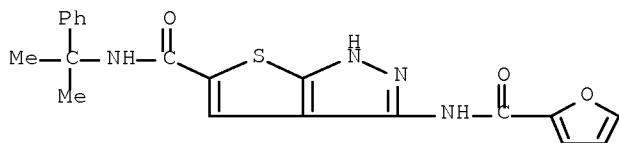
RN 862556-87-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[(2-furanylcarbonyl)amino]-N-(1-phenylcyclopropyl)- (CA INDEX NAME)



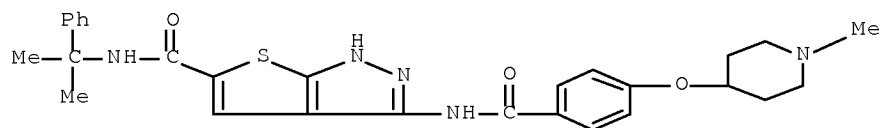
RN 862556-90-9 CAPLUS

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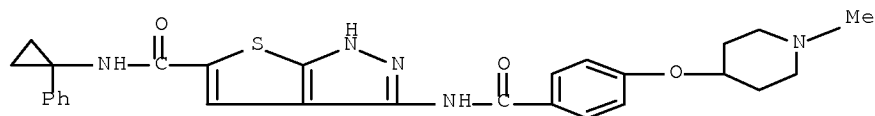
RN 862556-93-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
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 piperidinyl)oxy]benzoyl]amino]- (CA INDEX NAME)



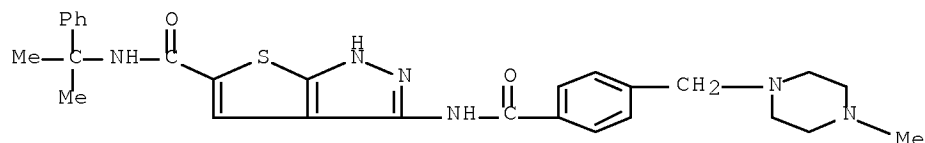
RN 862556-96-5 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
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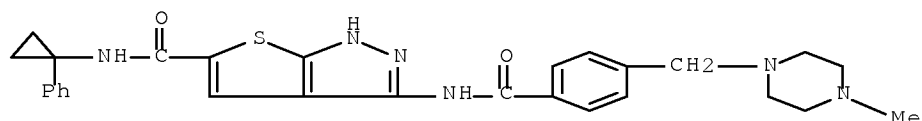
RN 862556-99-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
 N-(1-methyl-1-phenylethyl)-3-[[4-[(4-methyl-1-
 piperazinyl)methyl]benzoyl]amino]- (CA INDEX NAME)



RN 862557-02-6 CAPLUS

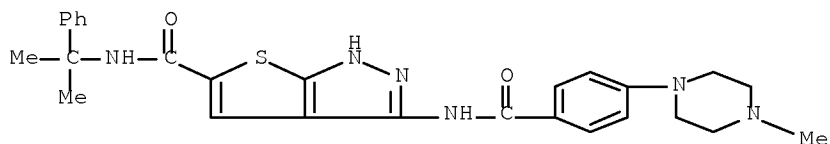
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
 3-[[4-[(4-methyl-1-piperazinyl)methyl]benzoyl]amino]-N-(1-
 phenylcyclopropyl)- (CA INDEX NAME)



RN 862557-05-9 CAPLUS

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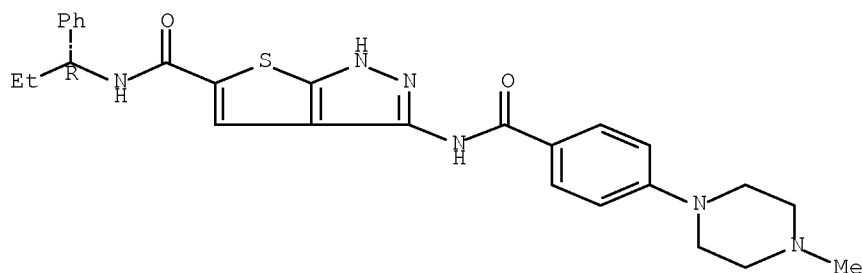
(CA INDEX NAME)



RN 862557-08-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-N-[(1R)-1-phenylpropyl]- (CA
INDEX NAME)

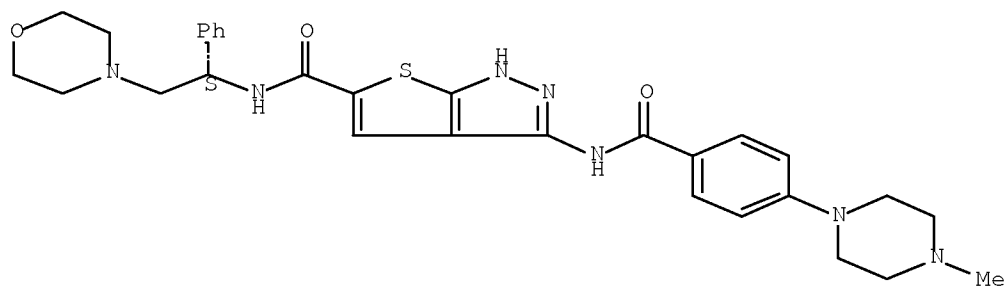
Absolute stereochemistry.



RN 862557-11-7 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-N-[(1S)-2-(4-morpholinyl)-1-
phenylethyl]- (CA INDEX NAME)

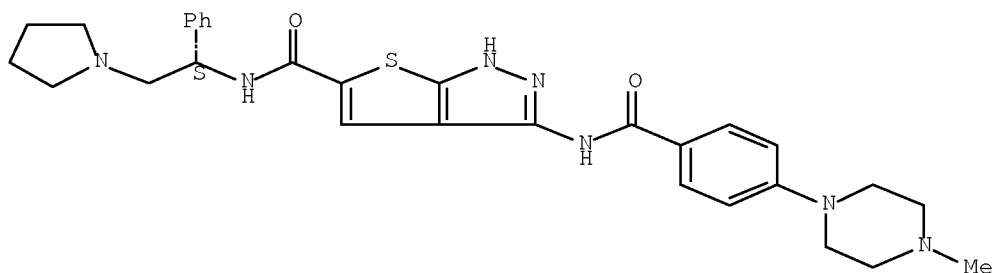
Absolute stereochemistry.



RN 862557-14-0 CAPLUS

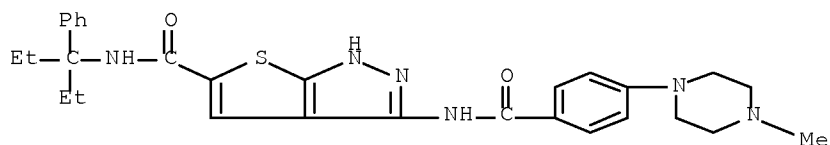
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-N-[(1S)-1-phenyl-2-(1-
pyrrolidinyl)ethyl]- (CA INDEX NAME)

Absolute stereochemistry.



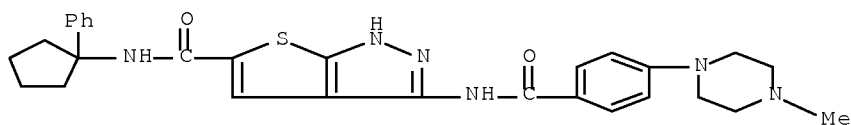
RN 862557-17-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
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(CA INDEX NAME)



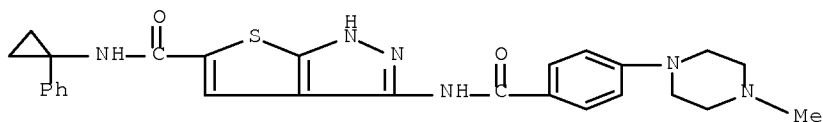
RN 862557-20-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-N-(1-phenylcyclopentyl)- (CA
INDEX NAME)



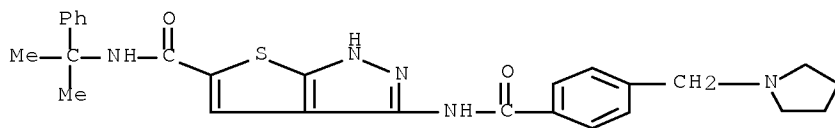
RN 862557-23-1 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-N-(1-phenylcyclopropyl)- (CA
INDEX NAME)



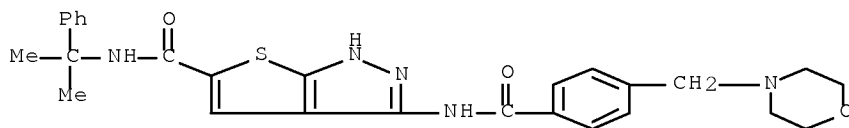
RN 862557-28-6 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[[4-(1-pyrrolidinylmethyl)benzoyl]amino]-
(CA INDEX NAME)



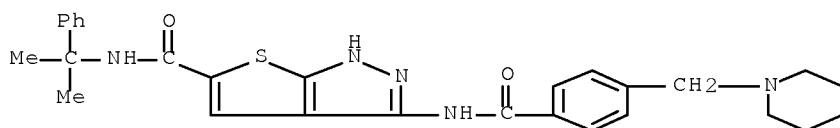
RN 862557-30-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[[4-(4-morpholinylmethyl)benzoyl]amino]- (CA
INDEX NAME)



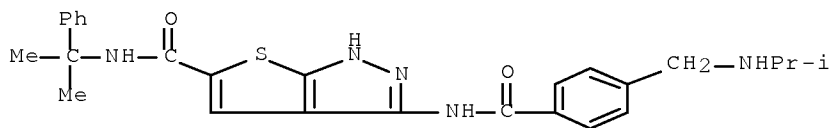
RN 862557-32-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[[4-(1-piperidinylmethyl)benzoyl]amino]- (CA
INDEX NAME)



RN 862557-34-4 CAPLUS

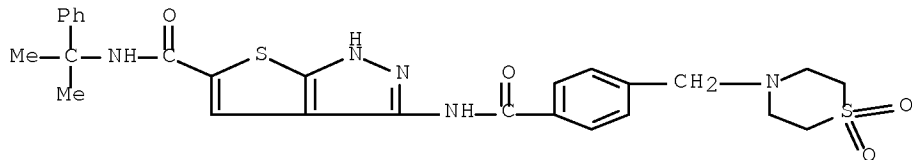
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[4-[[[(1-methylethyl)amino]methyl]benzoyl]amino]-N-(1-methyl-1-
phenylethyl)- (CA INDEX NAME)



RN 862557-37-7 CAPLUS

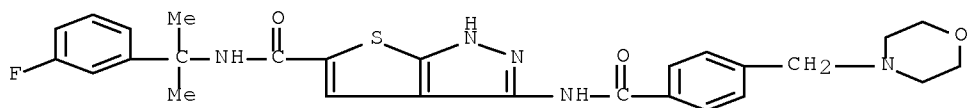
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[4-[(1,1-dioxido-4-thiomorpholinyl)methyl]benzoyl]amino]-N-(1-methyl-1-

phenylethyl)- (CA INDEX NAME)



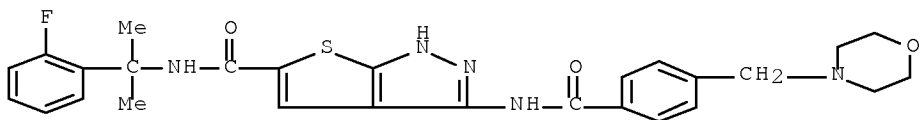
RN 862557-39-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(3-fluorophenyl)-1-methylethyl]-3-[[4-(4-
morpholinylmethyl)benzoyl]amino]- (CA INDEX NAME)



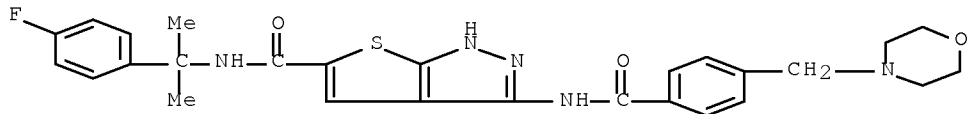
RN 862557-41-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(2-fluorophenyl)-1-methylethyl]-3-[[4-(4-
morpholinylmethyl)benzoyl]amino]- (CA INDEX NAME)



RN 862557-43-5 CAPLUS

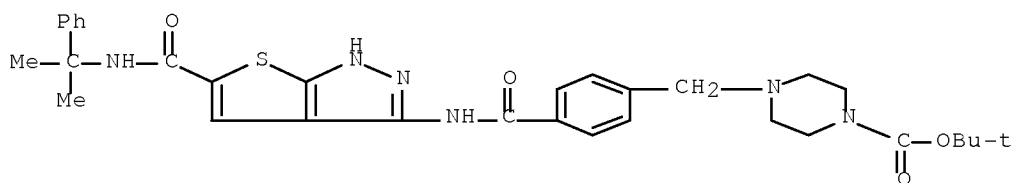
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(4-fluorophenyl)-1-methylethyl]-3-[[4-(4-
morpholinylmethyl)benzoyl]amino]- (CA INDEX NAME)



RN 862557-45-7 CAPLUS

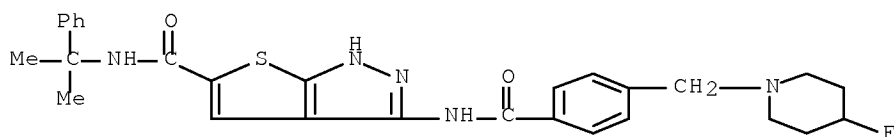
CN 1-Piperazinecarboxylic acid, 4-[[4-[[[5-[[1-methyl-1-
phenylethyl]amino]carbonyl]-1H-thieno[2,3-c]pyrazol-3-
yl]amino]carbonyl]phenyl]methyl]-, 1,1-dimethylethyl ester (CA INDEX

NAME)



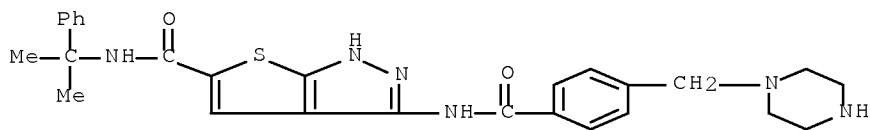
RN 862557-47-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
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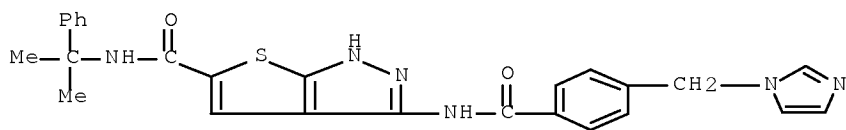
RN 862557-49-1 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
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RN 862557-51-5 CAPLUS

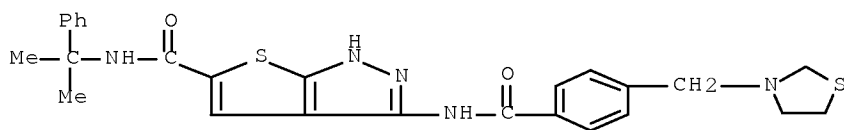
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
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RN 862557-53-7 CAPLUS

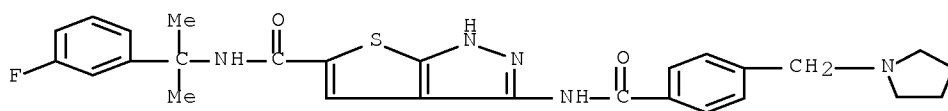
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[[4-(3-thiazolidinylmethyl)benzoyl]amino]-

(CA INDEX NAME)



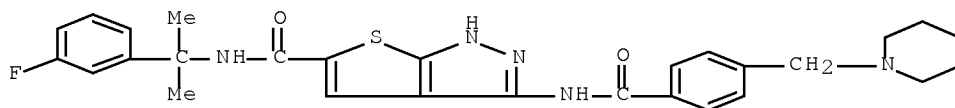
RN 862557-54-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
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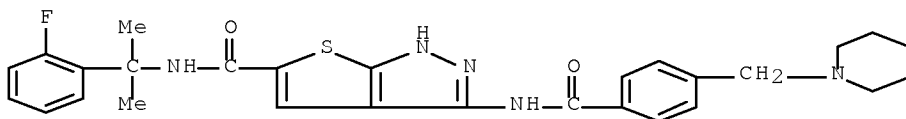
RN 862557-55-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
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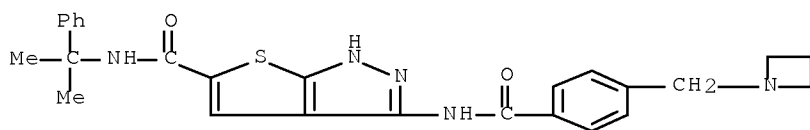
RN 862557-58-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
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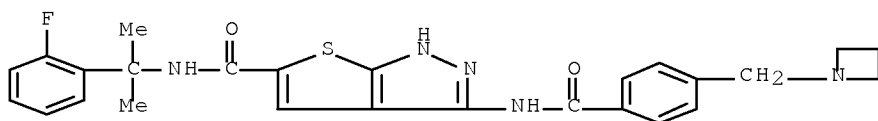
RN 862557-61-7 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[4-(1-azetidinylmethyl)benzoyl]amino]-N-(1-methyl-1-phenylethyl)- (CA INDEX NAME)



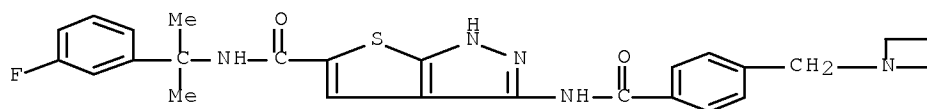
RN 862557-64-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[4-(1-azetidinylmethyl)benzoyl]amino]-N-[1-(2-fluorophenyl)-1-methylethyl]- (CA INDEX NAME)



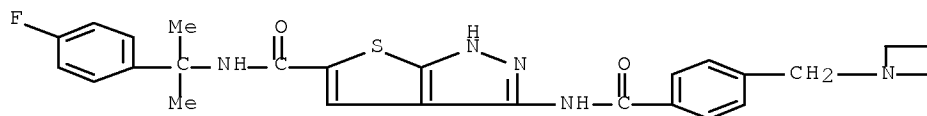
RN 862557-67-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
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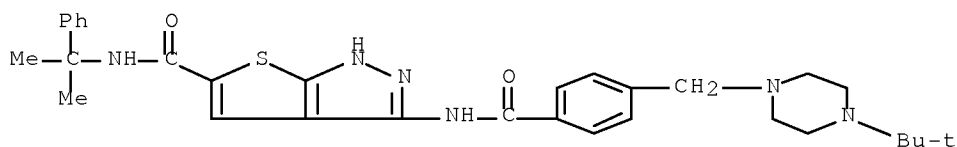
RN 862557-69-5 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
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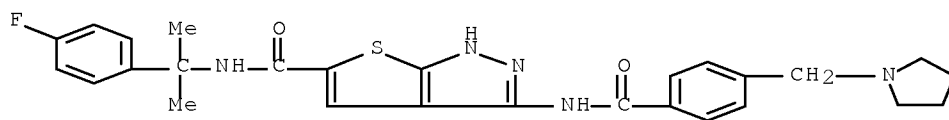
RN 862557-71-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
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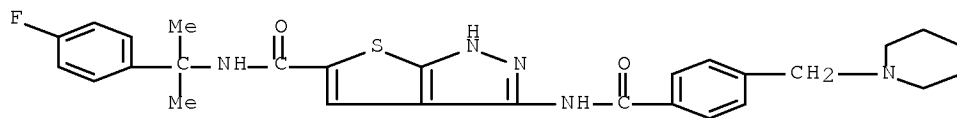
RN 862557-73-1 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
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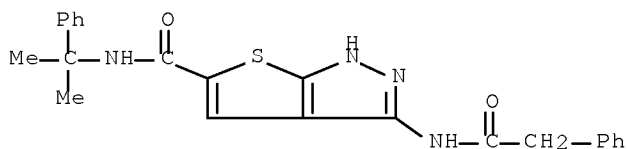
RN 862557-75-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
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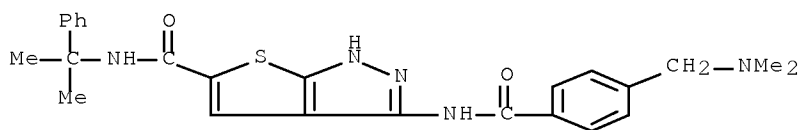
RN 862557-77-5 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[(2-phenylacetyl)amino]- (CA INDEX NAME)



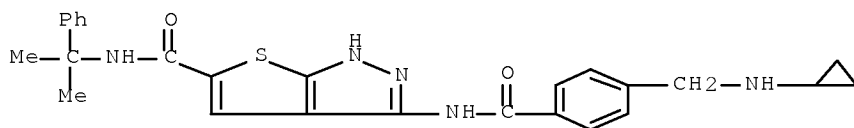
RN 862557-79-7 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[4-[(dimethylamino)methyl]benzoyl]amino]-N-(1-methyl-1-phenylethyl)-
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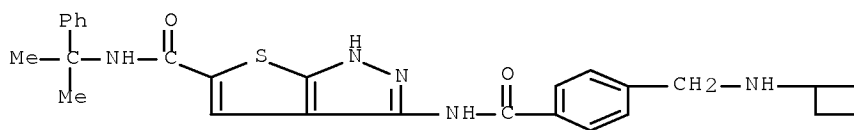
RN 862557-81-1 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[4-[(cyclopropylamino)methyl]benzoyl]amino]-N-(1-methyl-1-phenylethyl)-
(CA INDEX NAME)



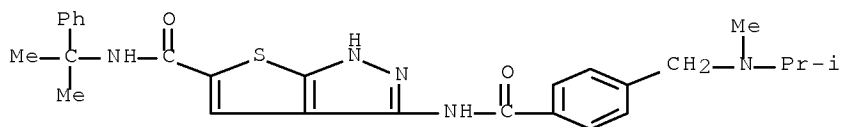
RN 862557-83-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
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(CA INDEX NAME)



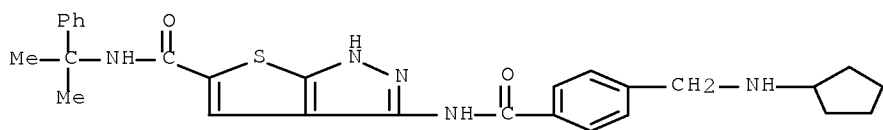
RN 862557-85-5 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
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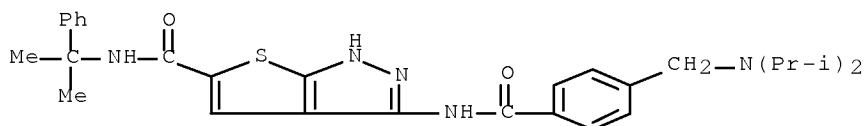
RN 862557-86-6 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[4-[(cyclopentylamino)methyl]benzoyl]amino]-N-(1-methyl-1-phenylethyl)-
(CA INDEX NAME)



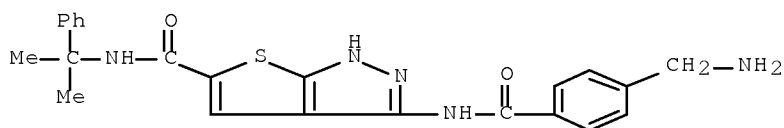
RN 862557-88-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[4-[[bis(1-methylethyl)amino]methyl]benzoyl]amino]-N-(1-methyl-1-phenylethyl)- (CA INDEX NAME)



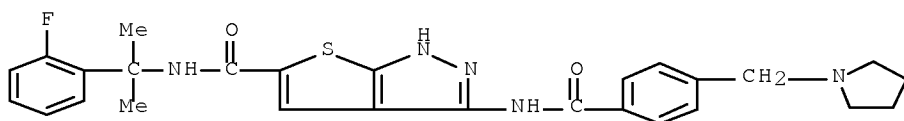
RN 862557-90-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[4-(aminomethyl)benzoyl]amino]-N-(1-methyl-1-phenylethyl)- (CA INDEX NAME)



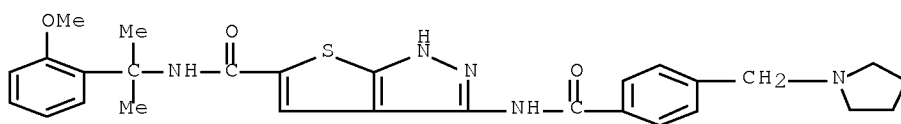
RN 862557-92-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(2-fluorophenyl)-1-methylethyl]-3-[[4-(1-pyrrolidinylmethyl)benzoyl]amino]- (CA INDEX NAME)



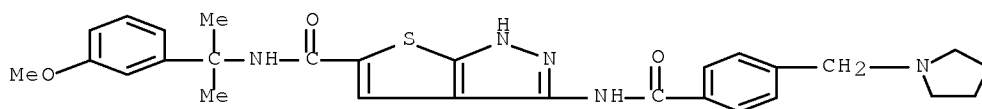
RN 862557-94-6 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
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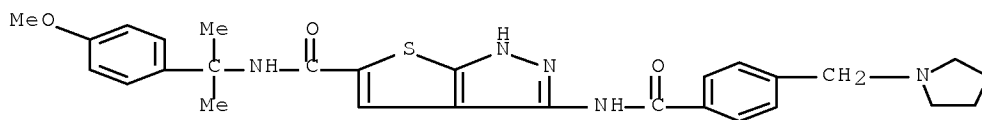
RN 862557-95-7 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
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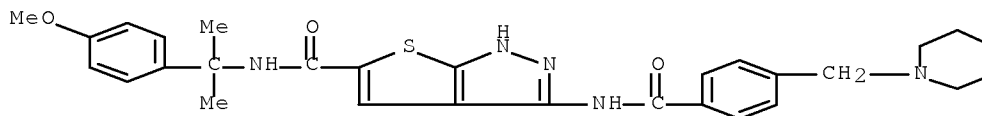
RN 862557-96-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
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pyrrolidinylmethyl)benzoyl]amino]- (CA INDEX NAME)



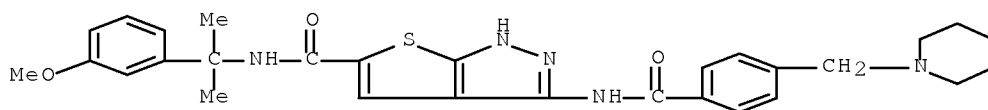
RN 862557-98-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
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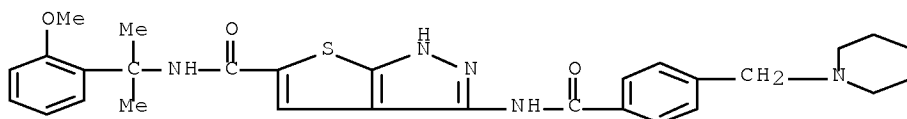
RN 862558-00-7 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
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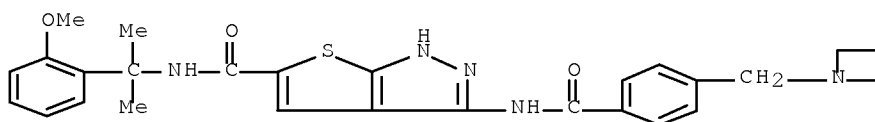
RN 862558-01-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
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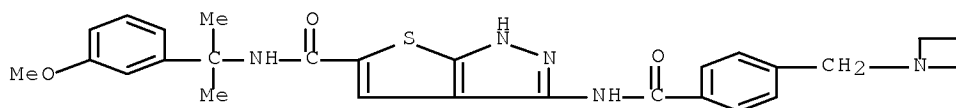
RN 862558-03-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
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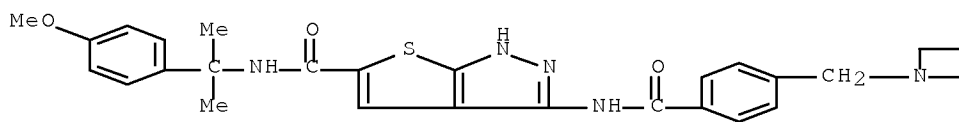
RN 862558-05-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
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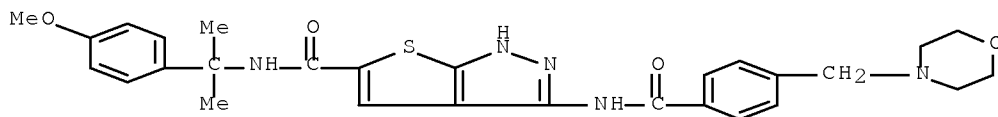
RN 862558-07-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
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methylethyl]- (CA INDEX NAME)



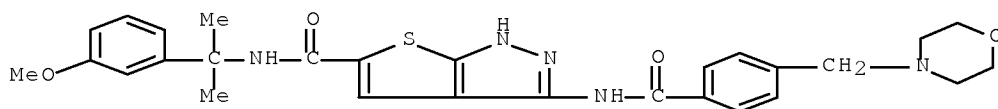
RN 862558-09-6 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
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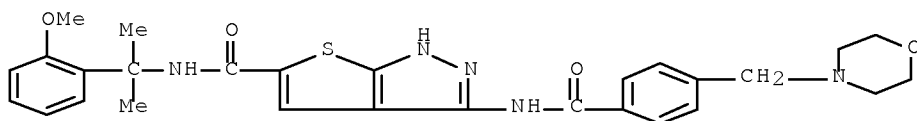
RN 862558-11-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
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morpholinylmethyl)benzoyl]amino]- (CA INDEX NAME)



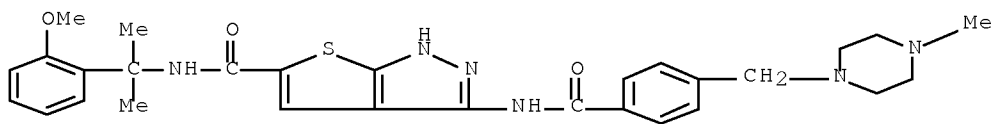
RN 862558-13-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
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RN 862558-15-4 CAPLUS

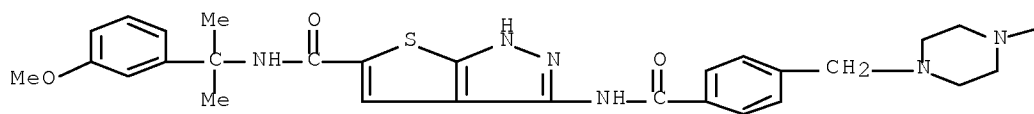
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(2-methoxyphenyl)-1-methylethyl]-3-[[4-[(4-methyl-1-
piperazinyl)methyl]benzoyl]amino]- (CA INDEX NAME)



RN 862558-17-6 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(3-methoxyphenyl)-1-methylethyl]-3-[[4-[(4-methyl-1-piperazinyl)methyl]benzoyl]amino]- (CA INDEX NAME)

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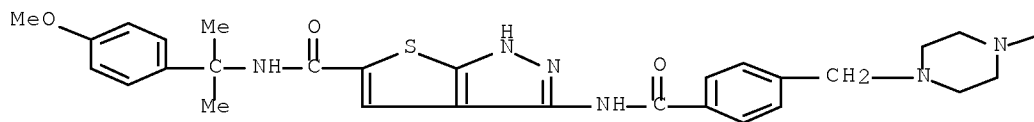
PAGE 1-B

Me

RN 862558-19-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(4-methoxyphenyl)-1-methylethyl]-3-[[4-[(4-methyl-1-piperazinyl)methyl]benzoyl]amino]- (CA INDEX NAME)

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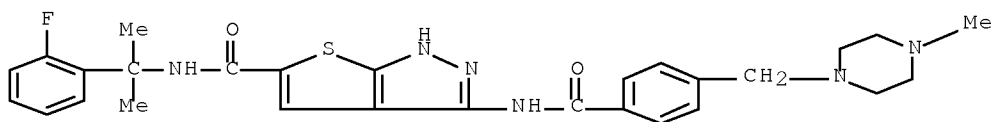


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Me

RN 862558-21-2 CAPLUS

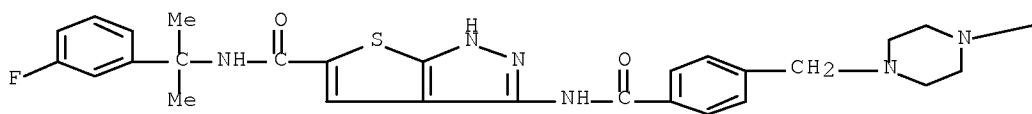
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(2-fluorophenyl)-1-methylethyl]-3-[[4-[(4-methyl-1-piperazinyl)methyl]benzoyl]amino]- (CA INDEX NAME)



RN 862558-23-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(3-fluorophenyl)-1-methylethyl]-3-[[4-[(4-methyl-1-piperazinyl)methyl]benzoyl]amino]- (CA INDEX NAME)

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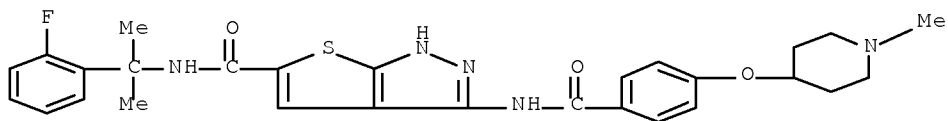


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Me

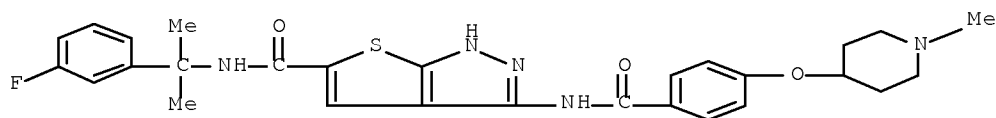
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CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
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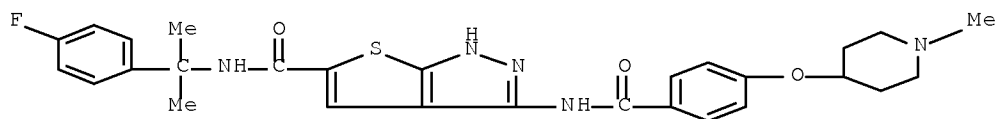
RN 862558-30-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(3-fluorophenyl)-1-methylethyl]-3-[[4-[(1-methyl-4-piperidinyl)oxy]benzoyl]amino]- (CA INDEX NAME)



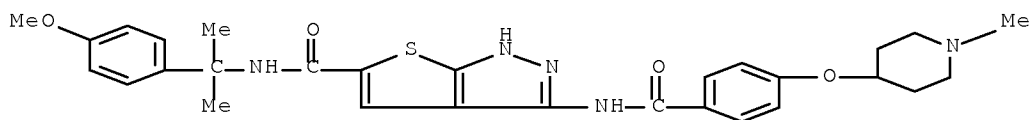
RN 862558-32-5 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(4-fluorophenyl)-1-methylethyl]-3-[[4-[(1-methyl-4-
piperidinyl)oxy]benzoyl]amino]- (CA INDEX NAME)



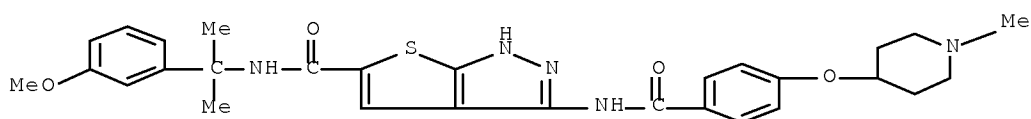
RN 862558-34-7 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(4-methoxyphenyl)-1-methylethyl]-3-[[4-[(1-methyl-4-
piperidinyl)oxy]benzoyl]amino]- (CA INDEX NAME)



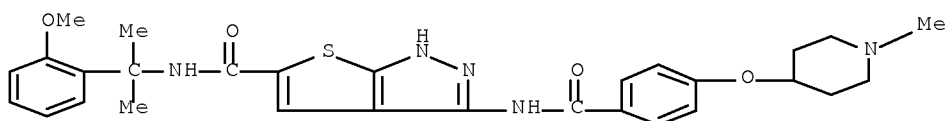
RN 862558-36-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(3-methoxyphenyl)-1-methylethyl]-3-[[4-[(1-methyl-4-
piperidinyl)oxy]benzoyl]amino]- (CA INDEX NAME)



RN 862558-38-1 CAPLUS

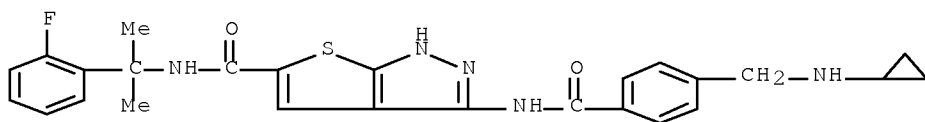
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(2-methoxyphenyl)-1-methylethyl]-3-[[4-[(1-methyl-4-
piperidinyl)oxy]benzoyl]amino]- (CA INDEX NAME)



RN 862558-40-5 CAPLUS

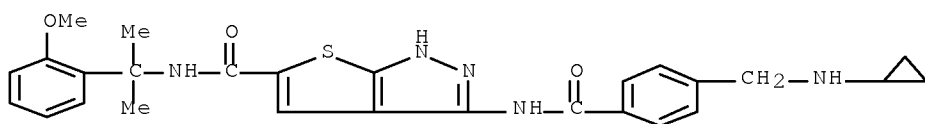
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[4-[(cyclopropylamino)methyl]benzoyl]amino]-N-[1-(2-fluorophenyl)-1-

methylethyl]- (CA INDEX NAME)



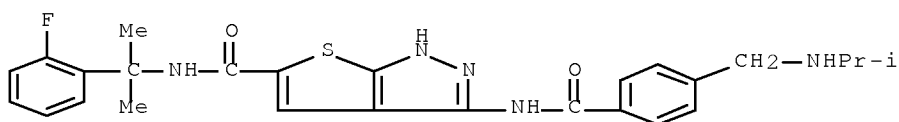
RN 862558-42-7 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[4-[(cyclopropylamino)methyl]benzoyl]amino]-N-[1-(2-methoxyphenyl)-1-methylethyl]- (CA INDEX NAME)



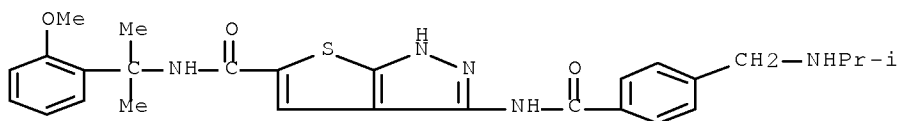
RN 862558-44-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(2-fluorophenyl)-1-methylethyl]-3-[[4-[[1-(methylethyl)amino]methyl]benzoyl]amino]- (CA INDEX NAME)



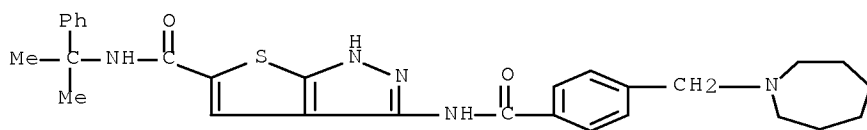
RN 862558-46-1 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(2-methoxyphenyl)-1-methylethyl]-3-[[4-[[1-(methylethyl)amino]methyl]benzoyl]amino]- (CA INDEX NAME)



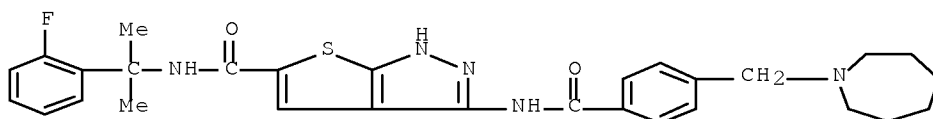
RN 862558-48-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[4-[(hexahydro-1H-azepin-1-yl)methyl]benzoyl]amino]-N-(1-methyl-1-phenylethyl)- (CA INDEX NAME)



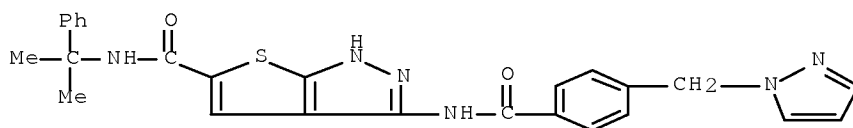
RN 862558-50-7 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(2-fluorophenyl)-1-methylethyl]-3-[[4-[(hexahydro-1H-azepin-1-yl)methyl]benzoyl]amino]- (CA INDEX NAME)



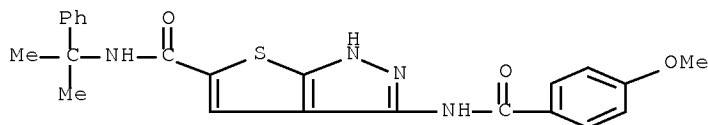
RN 862558-52-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[[4-(1H-pyrazol-1-ylmethyl)benzoyl]amino]- (CA INDEX NAME)



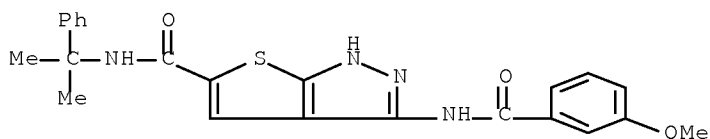
RN 862558-54-1 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[(4-methoxybenzoyl)amino]-N-(1-methyl-1-phenylethyl)- (CA INDEX NAME)



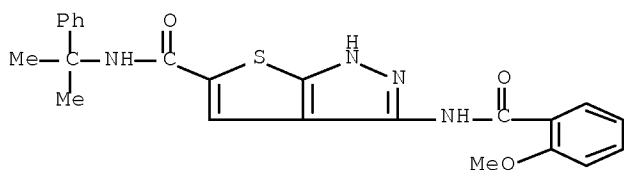
RN 862558-56-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[(3-methoxybenzoyl)amino]-N-(1-methyl-1-phenylethyl)- (CA INDEX NAME)



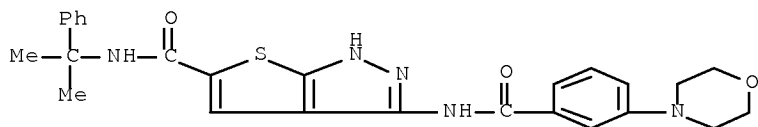
RN 862558-58-5 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[(2-methoxybenzoyl)amino]-N-(1-methyl-1-phenylethyl)- (CA INDEX NAME)



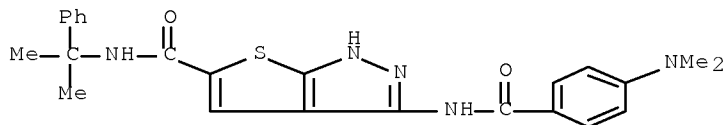
RN 862558-60-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[[3-(4-morpholinyl)benzoyl]amino]- (CA INDEX NAME)



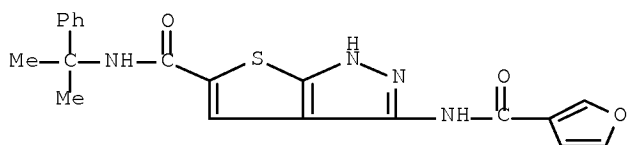
RN 862558-63-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[4-(dimethylamino)benzoyl]amino]-N-(1-methyl-1-phenylethyl)- (CA INDEX NAME)



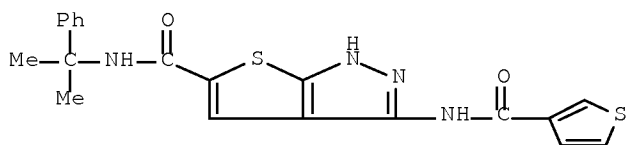
RN 862558-65-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[(3-furanylcarbonyl)amino]-N-(1-methyl-1-phenylethyl)- (CA INDEX NAME)



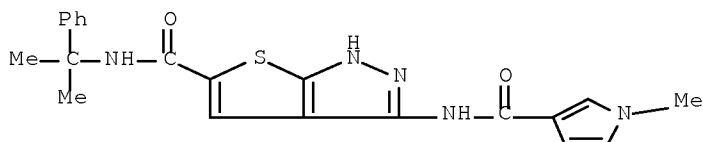
RN 862558-67-6 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[(3-thienylcarbonyl)amino]- (CA INDEX NAME)



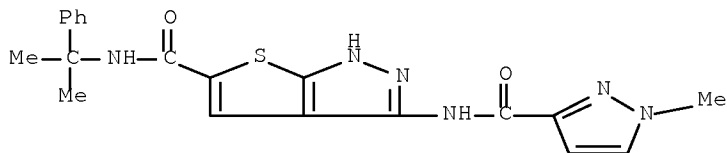
RN 862558-69-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[[(1-methyl-1H-pyrrol-3-yl) carbonyl] amino]-
(CA INDEX NAME)



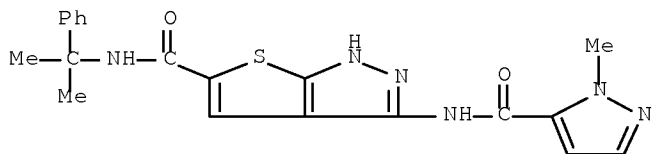
RN 862558-71-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[[(1-methyl-1H-pyrazol-3-yl) carbonyl] amino]-
(CA INDEX NAME)



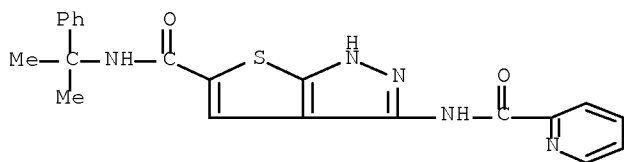
RN 862558-73-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[[(1-methyl-1H-pyrazol-5-yl) carbonyl] amino]-
(CA INDEX NAME)



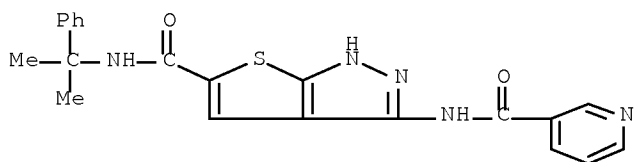
RN 862558-75-6 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[(2-pyridinylcarbonyl)amino]- (CA INDEX
NAME)



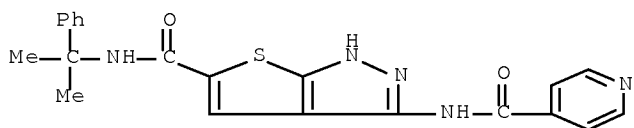
RN 862558-77-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[(3-pyridinylcarbonyl)amino]- (CA INDEX
NAME)



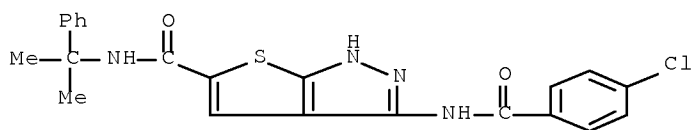
RN 862558-79-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[(4-pyridinylcarbonyl)amino]- (CA INDEX
NAME)



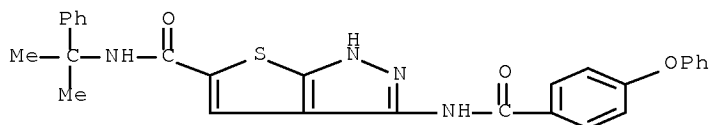
RN 862558-81-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[(4-chlorobenzoyl)amino]-N-(1-methyl-1-phenylethyl)- (CA INDEX NAME)



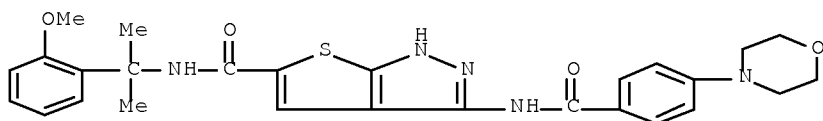
RN 862558-83-6 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[(4-phenoxybenzoyl)amino]- (CA INDEX NAME)



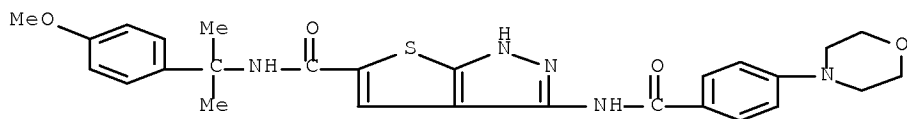
RN 862558-85-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(2-methoxyphenyl)-1-methylethyl]-3-[[4-(4-morpholinyl)benzoyl]amino]-
(CA INDEX NAME)



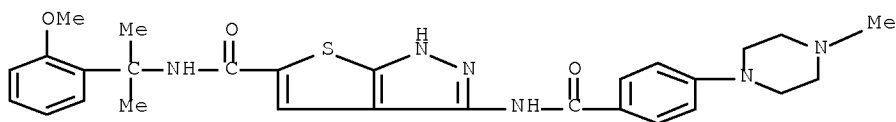
RN 862558-87-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(4-methoxyphenyl)-1-methylethyl]-3-[[4-(4-morpholinyl)benzoyl]amino]-
(CA INDEX NAME)



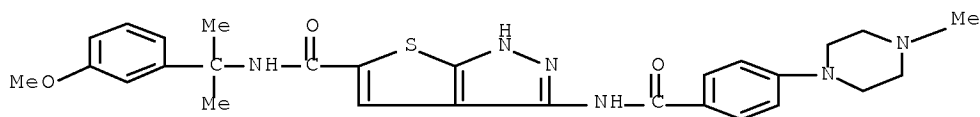
RN 862558-89-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(2-methoxyphenyl)-1-methylethyl]-3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]- (CA INDEX NAME)



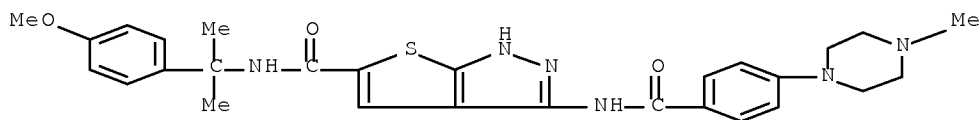
RN 862558-91-6 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(3-methoxyphenyl)-1-methylethyl]-3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]- (CA INDEX NAME)



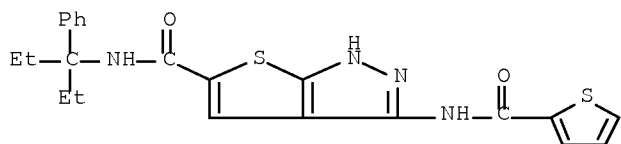
RN 862558-93-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(4-methoxyphenyl)-1-methylethyl]-3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]- (CA INDEX NAME)



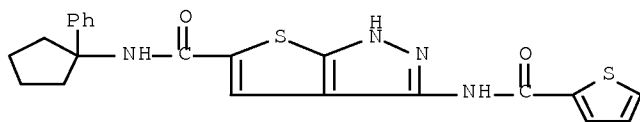
RN 862558-95-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-ethyl-1-phenylpropyl)-3-[(2-thienylcarbonyl)amino]- (CA INDEX NAME)



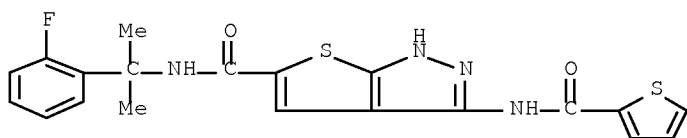
RN 862558-97-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-phenylcyclopentyl)-3-[(2-thienylcarbonyl)amino]- (CA INDEX NAME)



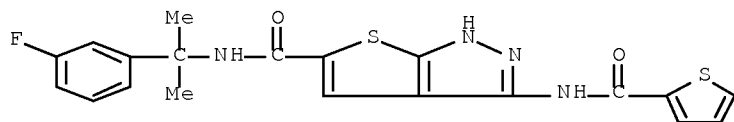
RN 862558-99-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(2-fluorophenyl)-1-methylethyl]-3-[(2-thienylcarbonyl)amino]- (CA
INDEX NAME)



RN 862559-00-0 CAPLUS

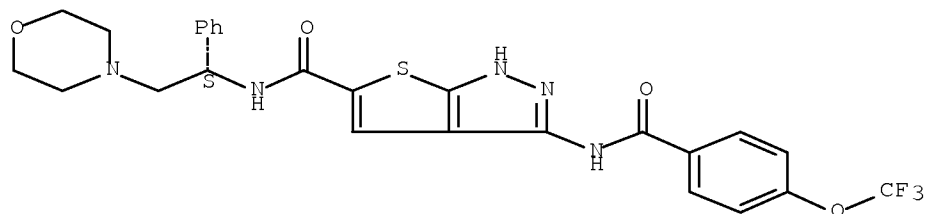
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(3-fluorophenyl)-1-methylethyl]-3-[(2-thienylcarbonyl)amino]- (CA
INDEX NAME)



RN 862559-01-1 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[(1S)-2-(4-morpholinyl)-1-phenylethyl]-3-[[4-(trifluoromethoxy)benzoyl]amino]- (CA INDEX NAME)

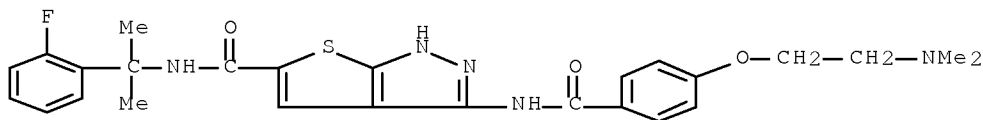
Absolute stereochemistry.



RN 862559-02-2 CAPLUS

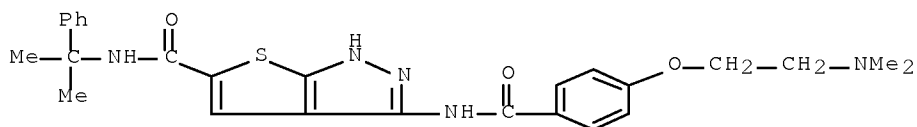
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,

3-[[4-[2-(dimethylamino)ethoxy]benzoyl]amino]-N-[1-(2-fluorophenyl)-1-methylethyl]- (CA INDEX NAME)



RN 862559-03-3 CAPLUS

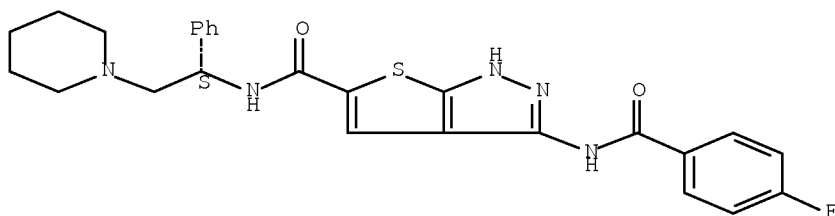
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[4-[2-(dimethylamino)ethoxy]benzoyl]amino]-N-(1-methyl-1-phenylethyl)-
(CA INDEX NAME)



RN 862559-04-4 CAPLUS

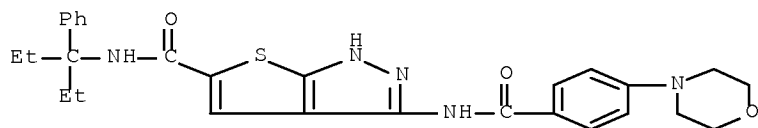
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[(4-fluorobenzoyl)amino]-N-[(1S)-1-phenyl-2-(1-piperidinyl)ethyl]- (CA
INDEX NAME)

Absolute stereochemistry.



RN 862559-05-5 CAPLUS

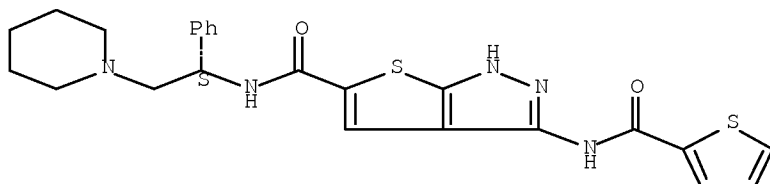
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-ethyl-1-phenylpropyl)-3-[[4-(4-morpholinyl)benzoyl]amino]- (CA INDEX
NAME)



RN 862559-06-6 CAPLUS

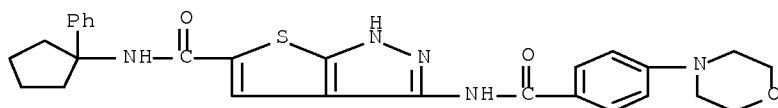
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[(1S)-1-phenyl-2-(1-piperidinyl)ethyl]-3-[(2-thienylcarbonyl)amino]-
(CA INDEX NAME)

Absolute stereochemistry.



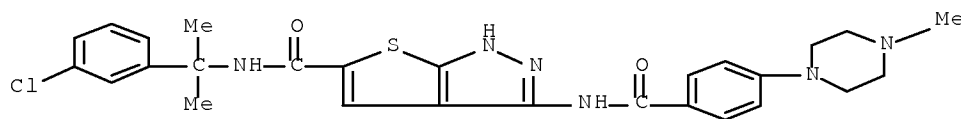
RN 862559-07-7 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[4-(4-morpholinyl)benzoyl]amino]-N-(1-phenylcyclopentyl)- (CA INDEX
NAME)



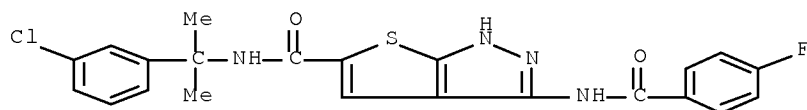
RN 862559-08-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(3-chlorophenyl)-1-methylethyl]-3-[[4-(4-methyl-1-
piperazinyl)benzoyl]amino]- (CA INDEX NAME)



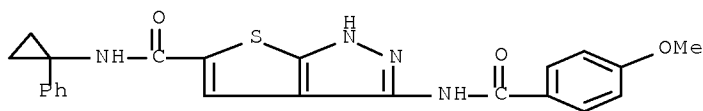
RN 862559-09-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(3-chlorophenyl)-1-methylethyl]-3-[(4-fluorobenzoyl)amino]- (CA
INDEX NAME)



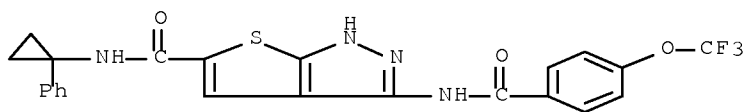
RN 862559-10-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[(4-methoxybenzoyl)amino]-N-(1-phenylcyclopropyl)- (CA INDEX NAME)



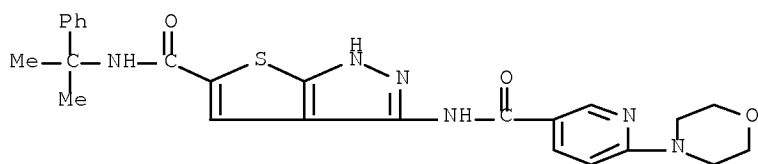
RN 862559-11-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-phenylcyclopropyl)-3-[[4-(trifluoromethoxy)benzoyl]amino]- (CA INDEX NAME)



RN 862559-12-4 CAPLUS

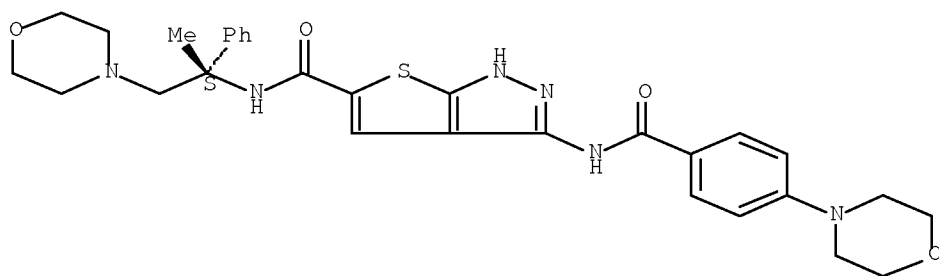
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[[[6-(4-morpholinyl)-3-pyridinyl]carbonyl]amino]- (CA INDEX NAME)



RN 862559-13-5 CAPLUS

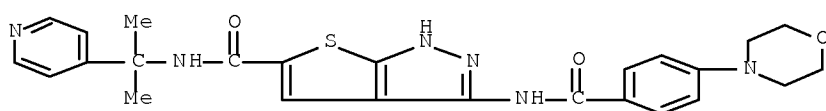
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[(1S)-1-methyl-2-(4-morpholinyl)-1-phenylethyl]-3-[[4-(4-morpholinyl)benzoyl]amino]- (CA INDEX NAME)

Absolute stereochemistry.



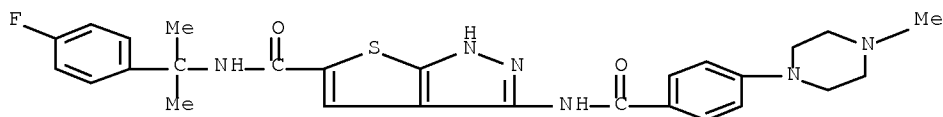
RN 862559-15-7 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-methyl-1-(4-pyridinyl)ethyl]-3-[[4-(4-morpholinyl)benzoyl]amino]-
(CA INDEX NAME)



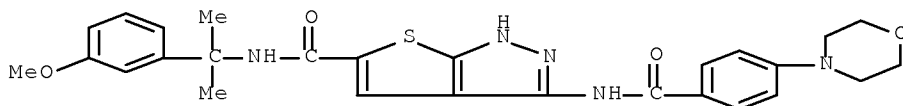
RN 862559-17-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(4-fluorophenyl)-1-methylethyl]-3-[[4-(4-methyl-1-
piperazinyl)benzoyl]amino]- (CA INDEX NAME)



RN 862559-19-1 CAPLUS

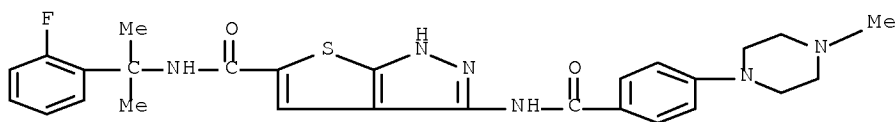
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(3-methoxyphenyl)-1-methylethyl]-3-[[4-(4-morpholinyl)benzoyl]amino]-
(CA INDEX NAME)



RN 862559-20-4 CAPLUS

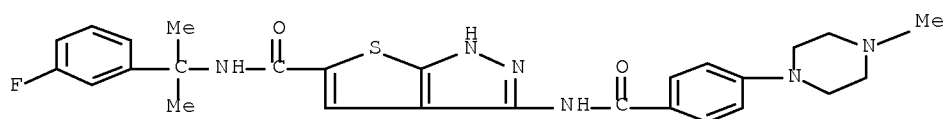
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(2-fluorophenyl)-1-methylethyl]-3-[[4-(4-methyl-1-

piperazinyl)benzoyl]amino]- (CA INDEX NAME)



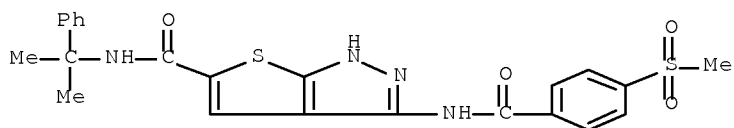
RN 862559-21-5 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(3-fluorophenyl)-1-methylethyl]-3-[[4-(4-methyl-1-
piperazinyl)benzoyl]amino]- (CA INDEX NAME)



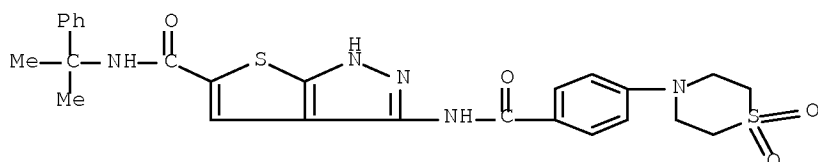
RN 862559-23-7 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[[4-(methylsulfonyl)benzoyl]amino]- (CA
INDEX NAME)



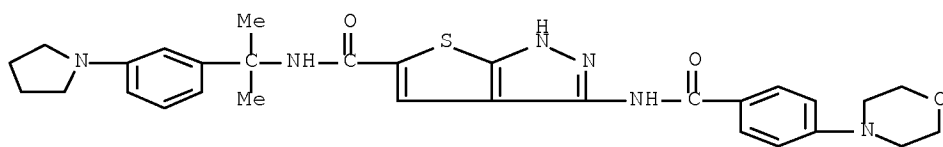
RN 862559-24-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[4-(1,1-dioxido-4-thiomorpholinyl)benzoyl]amino]-N-(1-methyl-1-
phenylethyl)- (CA INDEX NAME)



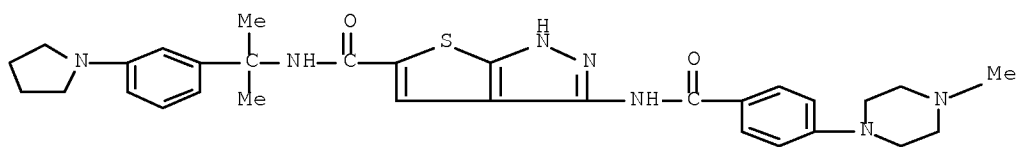
RN 862559-26-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-methyl-1-[3-(1-pyrrolidinyl)phenyl]ethyl]-3-[[4-(4-
morpholinyl)benzoyl]amino]- (CA INDEX NAME)



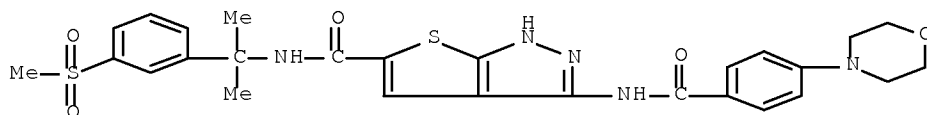
RN 862559-28-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-N-[1-methyl-1-[3-(1-pyrrolidinyl)phenyl]ethyl]- (CA INDEX NAME)



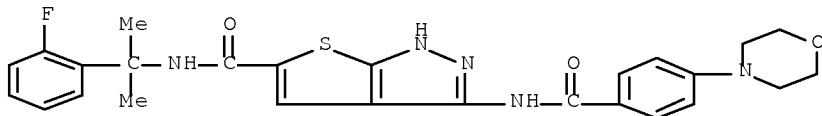
RN 862559-29-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-methyl-1-[3-(methylsulfonyl)phenyl]ethyl]-3-[[4-(4-morpholinyl)benzoyl]amino]- (CA INDEX NAME)



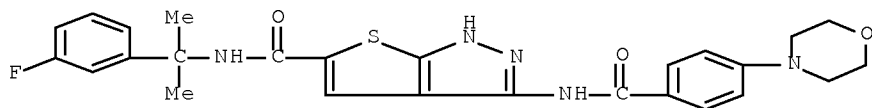
RN 862559-30-6 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(2-fluorophenyl)-1-methylethyl]-3-[[4-(4-morpholinyl)benzoyl]amino]-
(CA INDEX NAME)



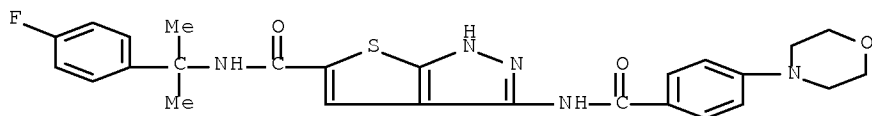
RN 862559-32-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(3-fluorophenyl)-1-methylethyl]-3-[[4-(4-morpholinyl)benzoyl]amino]-
(CA INDEX NAME)



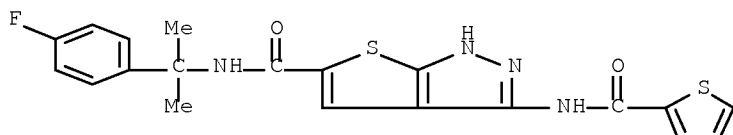
RN 862559-34-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(4-fluorophenyl)-1-methylethyl]-3-[[4-(4-morpholinyl)benzoyl]amino]-
(CA INDEX NAME)



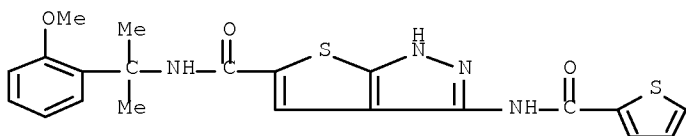
RN 862559-36-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(4-fluorophenyl)-1-methylethyl]-3-[(2-thienylcarbonyl)amino]- (CA
INDEX NAME)



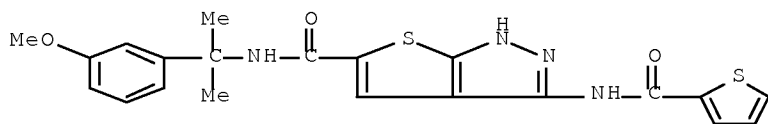
RN 862559-38-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(2-methoxyphenyl)-1-methylethyl]-3-[(2-thienylcarbonyl)amino]- (CA
INDEX NAME)



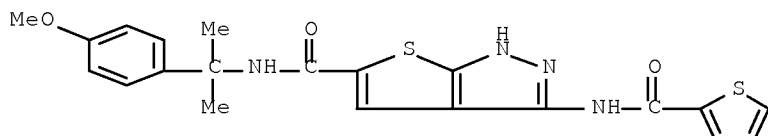
RN 862559-40-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(3-methoxyphenyl)-1-methylethyl]-3-[(2-thienylcarbonyl)amino]- (CA
INDEX NAME)



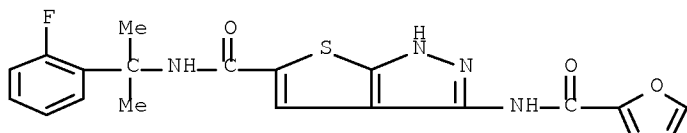
RN 862559-42-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(4-methoxyphenyl)-1-methylethyl]-3-[(2-thienylcarbonyl)amino]- (CA
INDEX NAME)



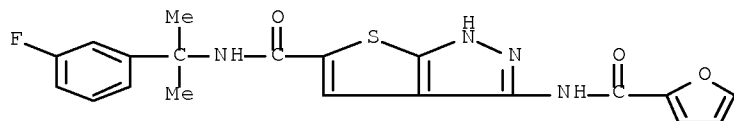
RN 862559-44-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(2-fluorophenyl)-1-methylethyl]-3-[(2-furanylcarbonyl)amino]- (CA
INDEX NAME)



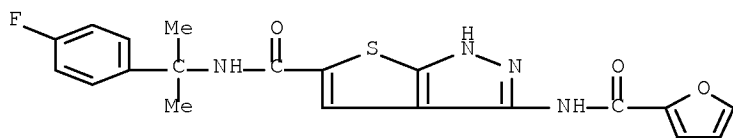
RN 862559-46-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(3-fluorophenyl)-1-methylethyl]-3-[(2-furanylcarbonyl)amino]- (CA
INDEX NAME)



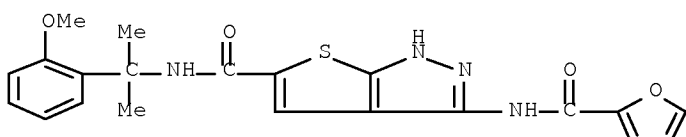
RN 862559-48-6 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(4-fluorophenyl)-1-methylethyl]-3-[(2-furanylcarbonyl)amino]- (CA
INDEX NAME)



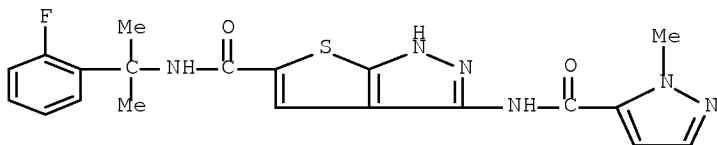
RN 862559-50-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[(2-furanylcarbonyl)amino]-N-[1-(2-methoxyphenyl)-1-methylethyl]- (CA
INDEX NAME)



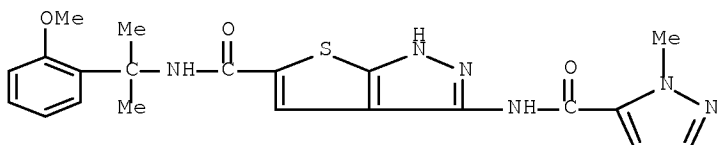
RN 862559-52-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(2-fluorophenyl)-1-methylethyl]-3-[[1-(1-methyl-1H-pyrazol-5-yl)carbonyl]amino]- (CA INDEX NAME)



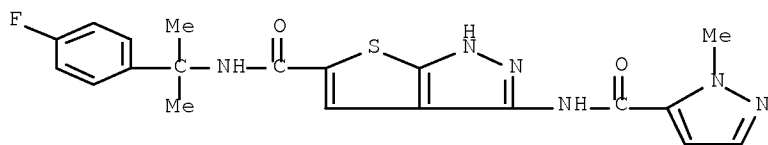
RN 862559-53-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(2-methoxyphenyl)-1-methylethyl]-3-[[1-(1-methyl-1H-pyrazol-5-yl)carbonyl]amino]- (CA INDEX NAME)



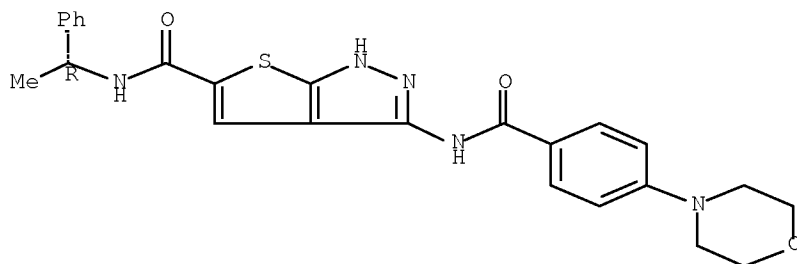
RN 862559-54-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(4-fluorophenyl)-1-methylethyl]-3-[[1-(1-methyl-1H-pyrazol-5-yl)carbonyl]amino]- (CA INDEX NAME)



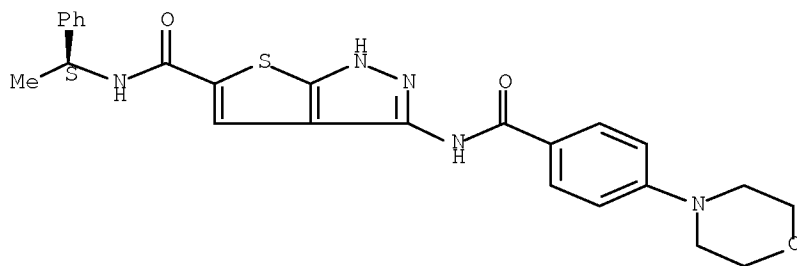
RN 862559-55-5 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
 3-[[4-(4-morpholinyl)benzoyl]amino]-N-[(1R)-1-phenylethyl]- (CA INDEX
 NAME)

Absolute stereochemistry.

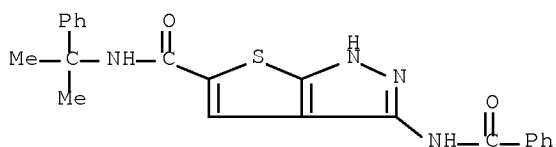


RN 862559-57-7 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
 3-[[4-(4-morpholinyl)benzoyl]amino]-N-[(1S)-1-phenylethyl]- (CA INDEX
 NAME)

Absolute stereochemistry.

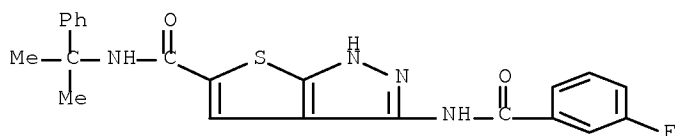


RN 862559-59-9 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
 3-(benzoylamino)-N-(1-methyl-1-phenylethyl)- (CA INDEX NAME)



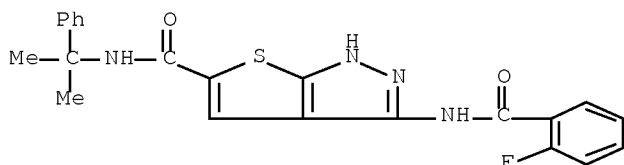
RN 862559-60-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[(3-fluorobenzoyl)amino]-N-(1-methyl-1-phenylethyl)- (CA INDEX NAME)



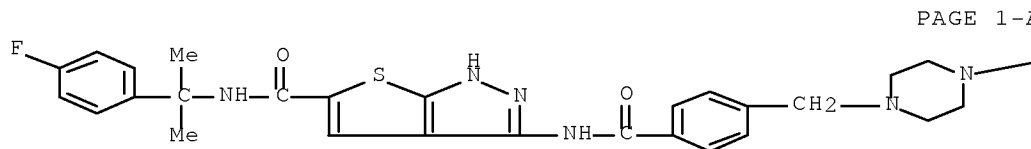
RN 862559-61-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[(2-fluorobenzoyl)amino]-N-(1-methyl-1-phenylethyl)- (CA INDEX NAME)



RN 862564-01-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-[1-(4-fluorophenyl)-1-methylethyl]-3-[[4-[(4-methyl-1-
piperazinyl)methyl]benzoyl]amino]- (CA INDEX NAME)



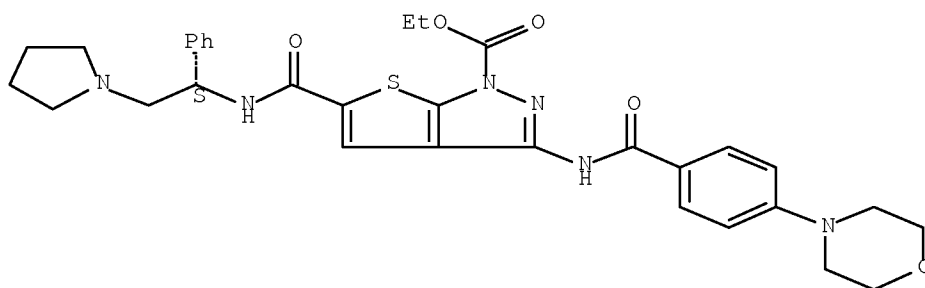
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PAGE 1-B

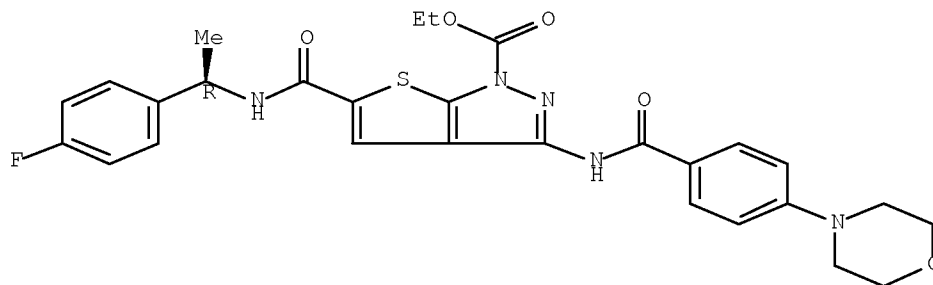
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 RL: PRPH (Prophetic); RCT (Reactant); SPN (Synthetic preparation); PREP
 (Preparation); RACT (Reactant or reagent)
 (preparation of thieno[2,3-c]pyrazole derivs. as protein kinase inhibitors)
 RN 1044679-83-5 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



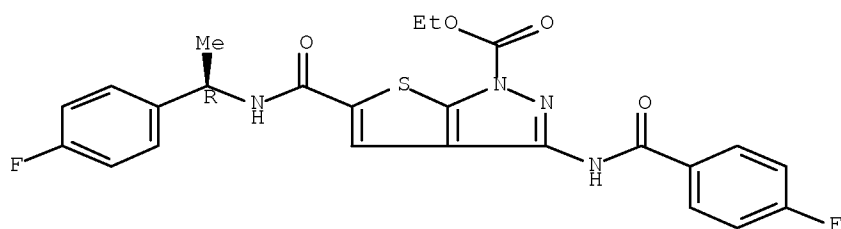
RN 1044679-84-6 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1044679-86-8 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
 3-[(4-fluorobenzoyl)amino]-5-[[[(1R)-1-(4-
 fluorophenyl)ethyl]amino]carbonyl]-, ethyl ester (CA INDEX NAME)

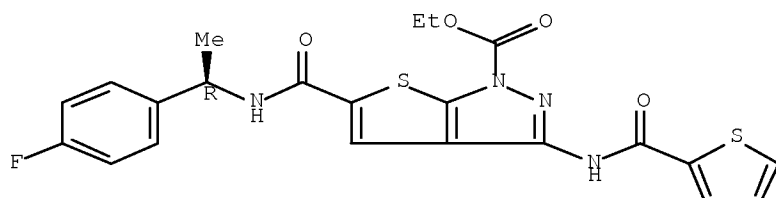
Absolute stereochemistry.



RN 1044679-88-0 CAPLUS

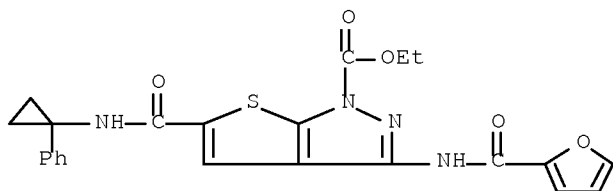
CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[(1R)-1-(4-fluorophenyl)ethyl]amino]carbonyl]-3-[(2-
thienylcarbonyl)amino]-, ethyl ester (CA INDEX NAME)

Absolute stereochemistry.



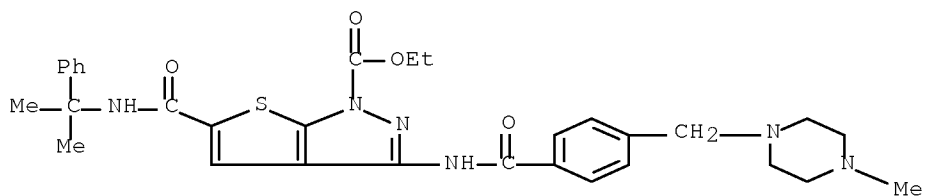
RN 1044679-91-5 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
3-[(2-furanylcarbonyl)amino]-5-[[[(1-phenylcyclopropyl)amino]carbonyl]-,
ethyl ester (CA INDEX NAME)

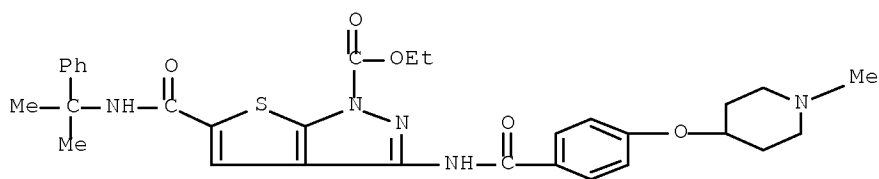


RN 1044679-93-7 CAPLUS

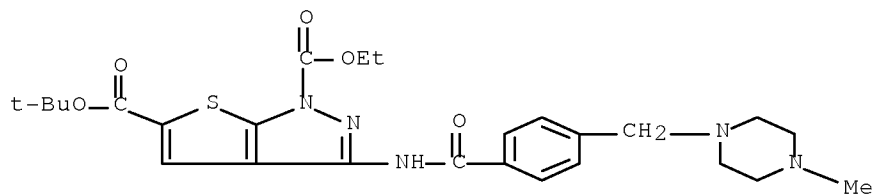
CN INDEX NAME NOT YET ASSIGNED



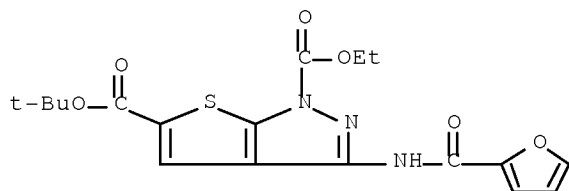
RN 1044679-94-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED



RN 1044679-96-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

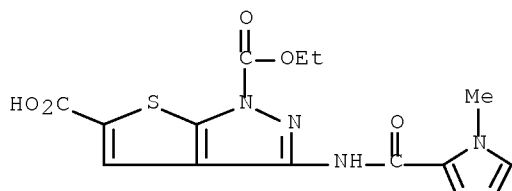


RN 1044679-99-3 CAPLUS
CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
3-[(2-furan-2-ylcarbonyl)amino]-, 5-(1,1-dimethylethyl) 1-ethyl ester (CA
INDEX NAME)



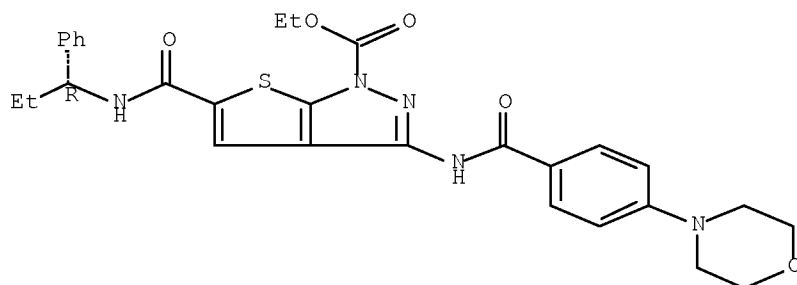
RN 1044680-01-4 CAPLUS
CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,

3-[[[(1-methyl-1H-pyrrol-2-yl)carbonyl]amino]-, 1-ethyl ester (CA INDEX NAME)



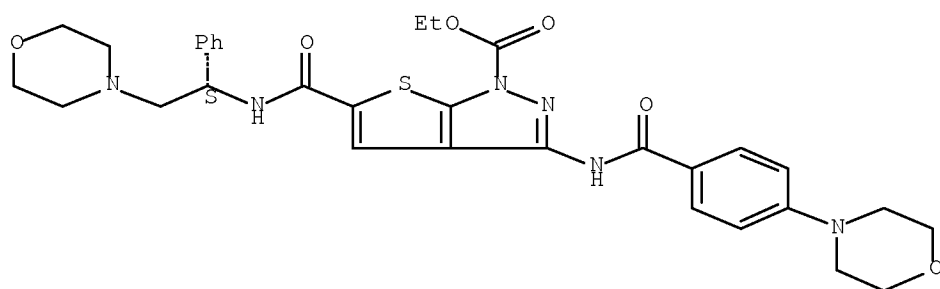
RN 1044680-02-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



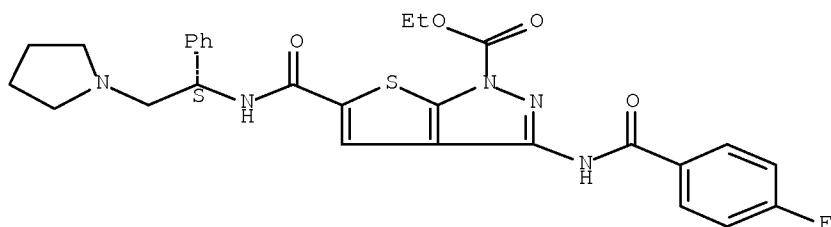
RN 1044680-04-7 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry.



RN 1044680-07-0 CAPLUS
CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
3-[(4-fluorobenzoyl)amino]-5-[[[(1S)-1-phenyl-2-(1-
pyrrolidinyl)ethyl]amino]carbonyl]-, ethyl ester (CA INDEX NAME)

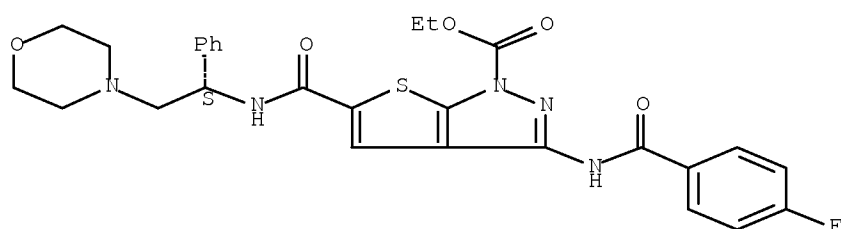
Absolute stereochemistry.



RN 1044680-09-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
3-[(4-fluorobenzoyl)amino]-5-[[[(1S)-2-(4-morpholinyl)-1-phenylethyl]amino]carbonyl]-, ethyl ester (CA INDEX NAME)

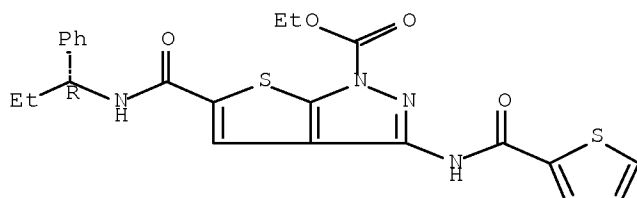
Absolute stereochemistry.



RN 1044680-10-5 CAPLUS

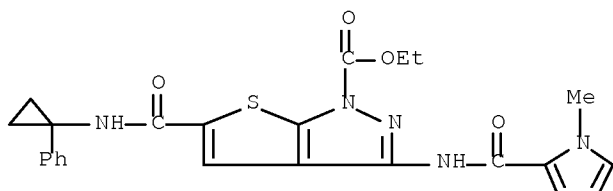
CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[(1R)-1-phenylpropyl]amino]carbonyl]-3-[(2-thienylcarbonyl)amino]-, ethyl ester (CA INDEX NAME)

Absolute stereochemistry.



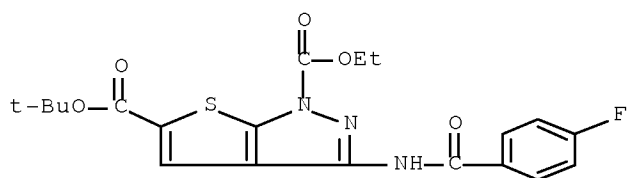
RN 1044680-12-7 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
3-[[[(1-methyl-1H-pyrrol-2-yl)carbonyl]amino]-5-[[[(1-phenylcyclopropyl)amino]carbonyl]-, ethyl ester (CA INDEX NAME)



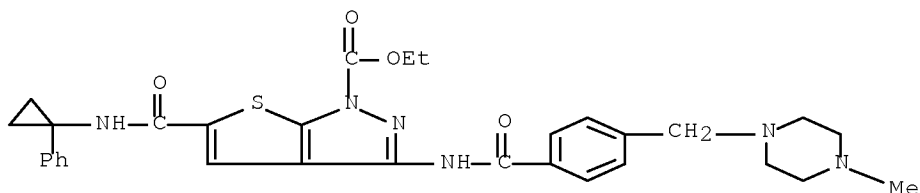
RN 1044680-15-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
3-[(4-fluorobenzoyl)amino]-, 5-(1,1-dimethylethyl) 1-ethyl ester (CA
INDEX NAME)



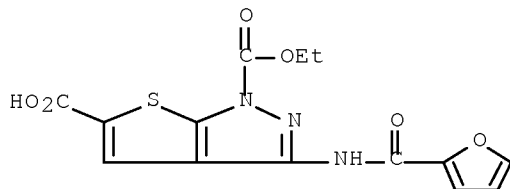
RN 1044680-17-2 CAPLUS

CN INDEX NAME NOT YET ASSIGNED



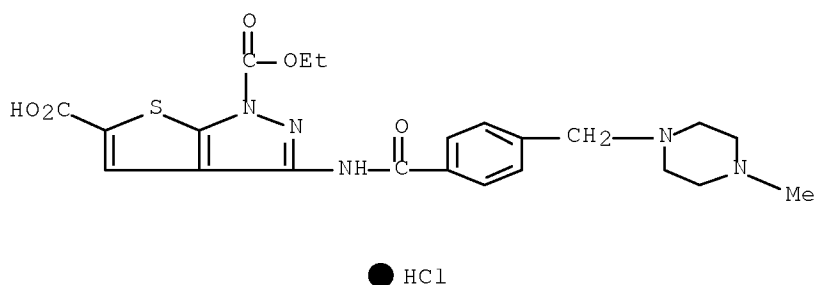
RN 1044680-20-7 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
3-[(2-furanylcarbonyl)amino]-, 1-ethyl ester (CA INDEX NAME)

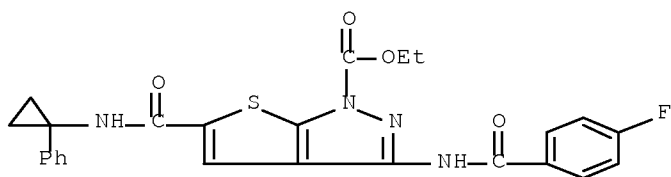


RN 1044680-24-1 CAPLUS

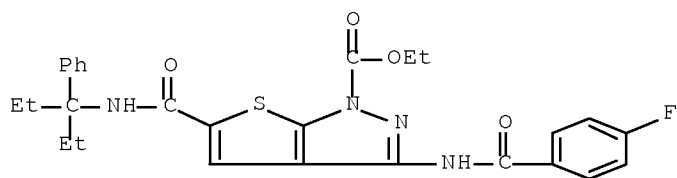
CN INDEX NAME NOT YET ASSIGNED



RN 1044680-25-2 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
 3-[(4-fluorobenzoyl)amino]-5-[[[(1-phenylcyclopropyl)amino]carbonyl]-,
 ethyl ester (CA INDEX NAME)

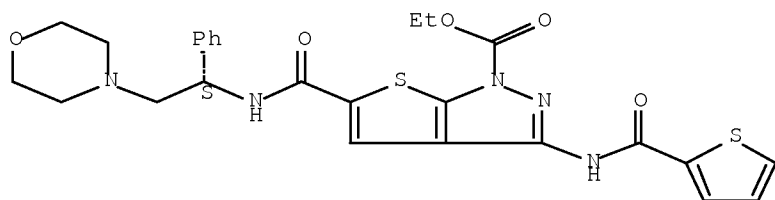


RN 1044680-27-4 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
 5-[[[(1-ethyl-1-phenylpropyl)amino]carbonyl]-3-[(4-fluorobenzoyl)amino]-,
 ethyl ester (CA INDEX NAME)



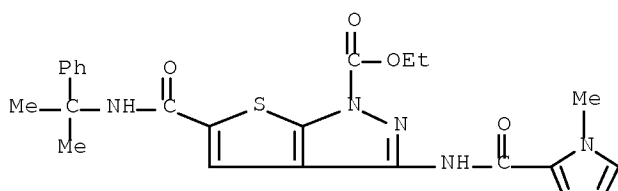
RN 1044680-28-5 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
 5-[[[(1S)-2-(4-morpholinyl)-1-phenylethyl]amino]carbonyl]-3-[(2-
 thienylcarbonyl)amino]-, ethyl ester (CA INDEX NAME)

Absolute stereochemistry.



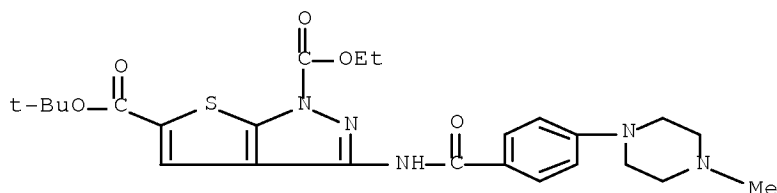
RN 1044680-32-1 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[(1-methyl-1-phenylethyl)amino]carbonyl]-3-[[[(1-methyl-1H-pyrrol-2-yl)carbonyl]amino]-, ethyl ester (CA INDEX NAME)



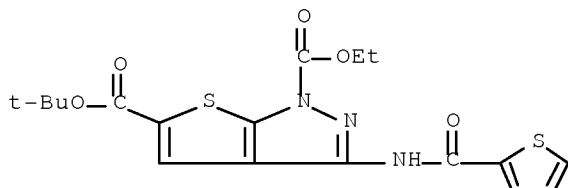
RN 1044680-34-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-, 5-(1,1-dimethylethyl)
1-ethyl ester (CA INDEX NAME)

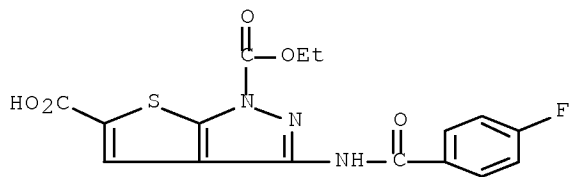


RN 1044680-35-4 CAPLUS

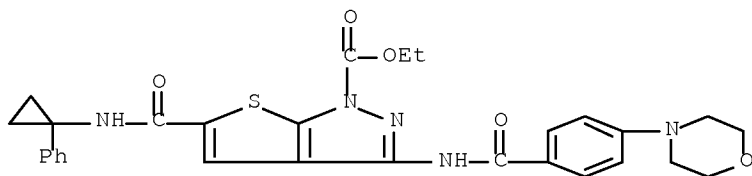
CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
3-[(2-thienylcarbonyl)amino]-, 5-(1,1-dimethylethyl) 1-ethyl ester (CA
INDEX NAME)



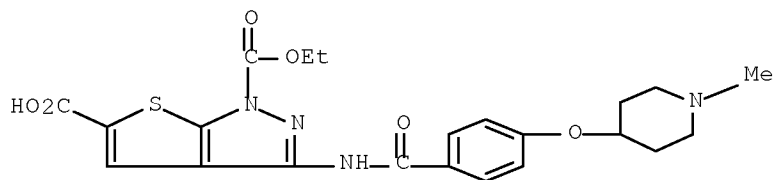
RN 1044680-40-1 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
 3-[(4-fluorobenzoyl)amino]-, 1-ethyl ester (CA INDEX NAME)



RN 1044680-42-3 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED

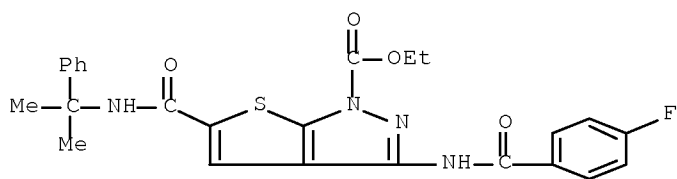


RN 1044680-45-6 CAPLUS
 CN INDEX NAME NOT YET ASSIGNED



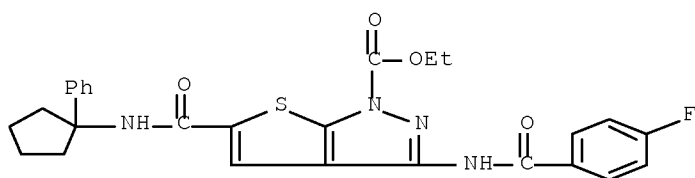
● HCl

RN 1044680-47-8 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
 3-[(4-fluorobenzoyl)amino]-5-[[[1-methyl-1-phenylethyl)amino]carbonyl]-,
 ethyl ester (CA INDEX NAME)



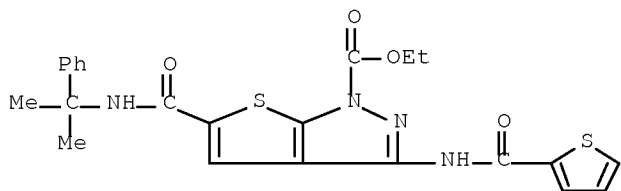
RN 1044680-48-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
3-[(4-fluorobenzoyl)amino]-5-[[1-(1-phenylcyclopentyl)amino]carbonyl]-,
ethyl ester (CA INDEX NAME)



RN 1044680-50-3 CAPLUS

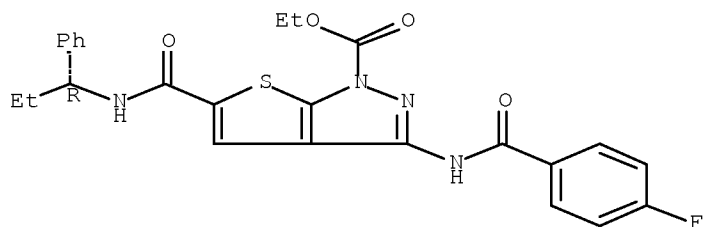
CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[1-(1-methyl-1-phenylethyl)amino]carbonyl]-3-[(2-thienylcarbonyl)amino]-,
ethyl ester (CA INDEX NAME)



RN 1044680-53-6 CAPLUS

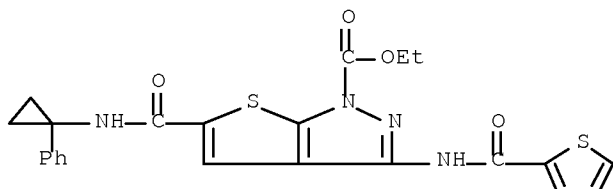
CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
3-[(4-fluorobenzoyl)amino]-5-[[[(1R)-1-phenylpropyl]amino]carbonyl]-,
ethyl ester (CA INDEX NAME)

Absolute stereochemistry.



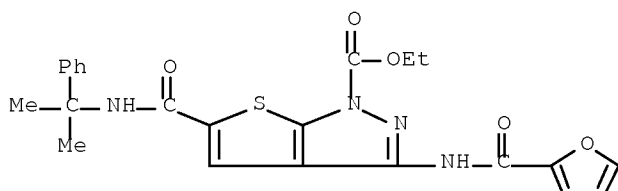
RN 1044680-55-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[(1-phenylcyclopropyl)amino]carbonyl]-3-[(2-thienylcarbonyl)amino]-,
ethyl ester (CA INDEX NAME)



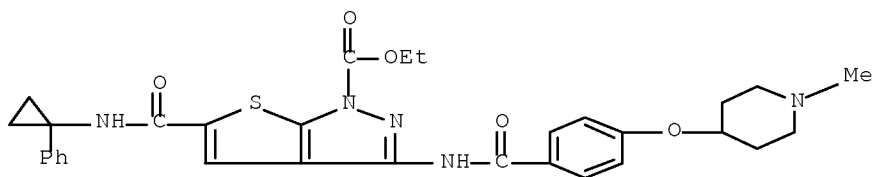
RN 1044680-57-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
3-[(2-furanylcarbonyl)amino]-5-[[(1-methyl-1-phenylethyl)amino]carbonyl]-,
ethyl ester (CA INDEX NAME)



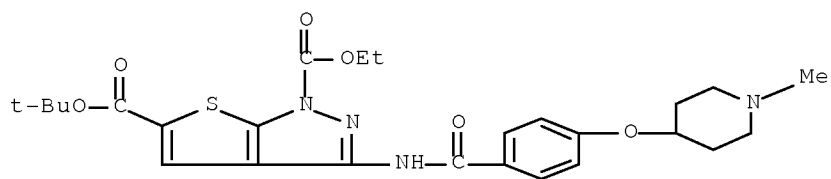
RN 1044680-58-1 CAPLUS

CN INDEX NAME NOT YET ASSIGNED



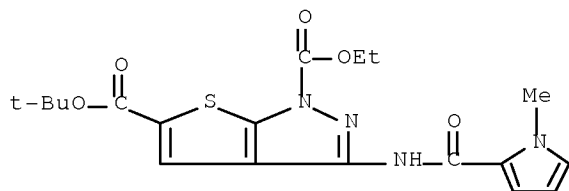
RN 1044680-61-6 CAPLUS

CN INDEX NAME NOT YET ASSIGNED



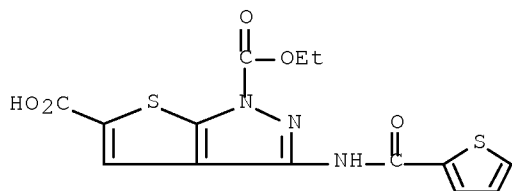
RN 1044680-64-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
3-[[4-[(1-methyl-1H-pyrrol-2-yl)carbonyl]amino]-, 5-(1,1-dimethylethyl)
1-ethyl ester (CA INDEX NAME)



RN 1044680-65-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
3-[(2-thienylcarbonyl)amino]-, 1-ethyl ester (CA INDEX NAME)

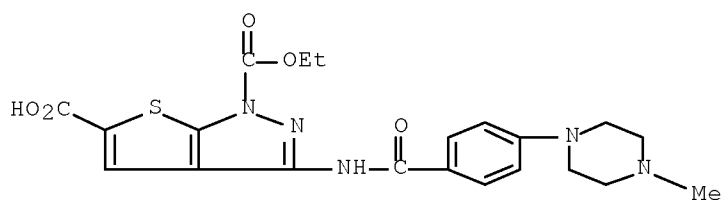


IT 1044680-19-4P 1044680-39-3P

RL: PRPH (Prophetic); SPN (Synthetic preparation); PREP (Preparation)
(preparation of thieno[2,3-c]pyrazole derivs. as protein kinase inhibitors)

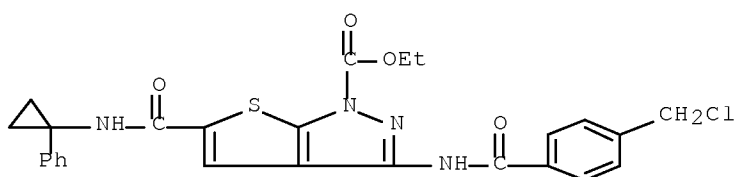
RN 1044680-19-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-, 1-ethyl ester,
hydrochloride (1:1) (CA INDEX NAME)



● HCl

RN 1044680-39-8 CAPLUS
CN INDEX NAME NOT YET ASSIGNED



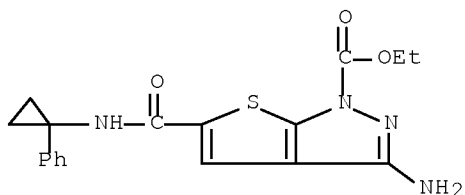
IT 1056901-68-8 1056901-69-9 1056901-72-4
1056901-92-8 1056901-93-9 1056902-05-6
1056902-08-9 1056902-09-0 1056902-10-3
1056902-13-6 1056902-17-0 1056902-18-1
1056902-24-9 1056902-36-3 1056902-37-4
1056902-38-5 1056902-39-6 1056902-40-9
1056902-41-0 1056902-42-1 1056902-44-3
1056902-45-4 1056902-46-5 1056902-47-6
1056902-48-7 1056902-51-2 1056902-52-3
1056902-53-4 1056902-54-5 1056902-62-5
1056902-75-0 1056902-85-2 1056902-87-4
1056902-88-5 1056902-93-2 1056903-06-0
1056903-07-1 1056903-08-2 1056903-09-3
1056903-10-6 1056903-11-7 1056903-12-8
1056903-13-9 1056903-14-0 1056903-16-2
1056903-18-4 1056903-19-5 1056903-20-8
1056903-21-9 1056903-22-0 1056903-23-1
1056903-24-2 1056903-25-3 1056903-26-4
1056903-27-5 1056903-28-6 1056903-29-7
1056903-30-0 1056903-31-1 1056903-32-2
1056903-33-3 1056903-34-4 1056903-35-5
1056903-36-6 1056903-37-7 1056903-38-8
1056903-39-9 1056903-40-2 1056903-41-3
1056903-44-6 1056903-45-7 1056903-46-8
1056903-91-3

RL: RCT (Reactant); RACT (Reactant or reagent)

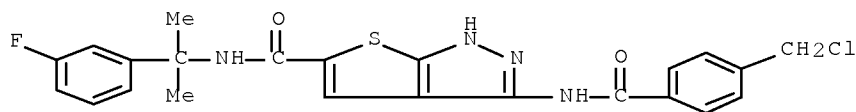
(preparation of thieno[2,3-c]pyrazole derivs. as protein kinase inhibitors)

RN 1056901-68-8 CAPLUS

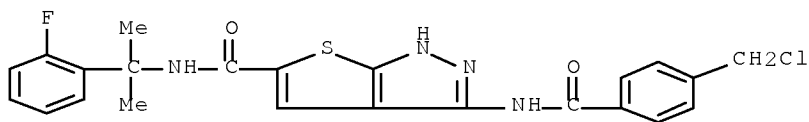
CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
3-amino-5-[[1-(phenylcyclopropyl)amino]carbonyl]-, ethyl ester (CA INDEX
NAME)



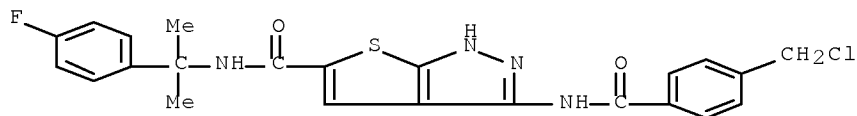
RN 1056901-69-9 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
 3-[[4-(chloromethyl)benzoyl]amino]-N-[1-(3-fluorophenyl)-1-methylethyl]-
 (CA INDEX NAME)



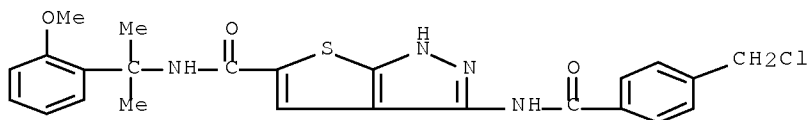
RN 1056901-72-4 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
 3-[[4-(chloromethyl)benzoyl]amino]-N-[1-(2-fluorophenyl)-1-methylethyl]-
 (CA INDEX NAME)



RN 1056901-92-8 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
 3-[[4-(chloromethyl)benzoyl]amino]-N-[1-(4-fluorophenyl)-1-methylethyl]-
 (CA INDEX NAME)

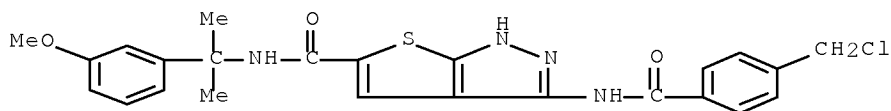


RN 1056901-93-9 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
 3-[[4-(chloromethyl)benzoyl]amino]-N-[1-(2-methoxyphenyl)-1-methylethyl]-
 (CA INDEX NAME)



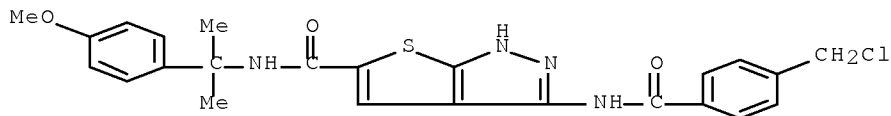
RN 1056902-05-6 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[4-(chloromethyl)benzoyl]amino]-N-[1-(3-methoxyphenyl)-1-methylethyl]-
(CA INDEX NAME)



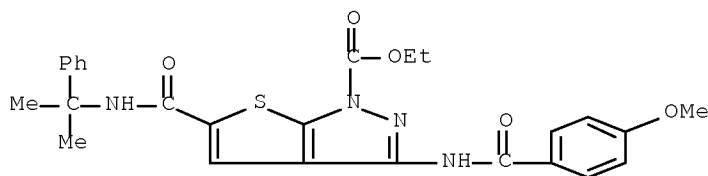
RN 1056902-08-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
3-[[4-(chloromethyl)benzoyl]amino]-N-[1-(4-methoxyphenyl)-1-methylethyl]-
(CA INDEX NAME)



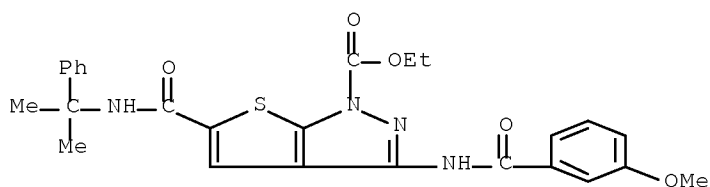
RN 1056902-09-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
3-[[4-(chloromethyl)benzoyl]amino]-5-[[1-(1-methyl-1-phenylethyl)amino]carbonyl]-,
ethyl ester (CA INDEX NAME)



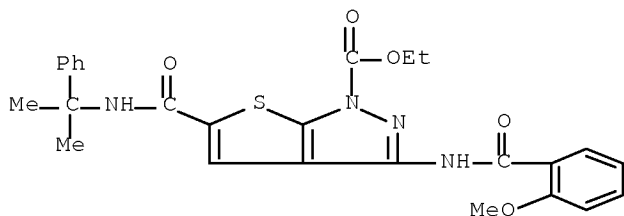
RN 1056902-10-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
3-[[3-methoxybenzoyl]amino]-5-[[1-(1-methyl-1-phenylethyl)amino]carbonyl]-,
ethyl ester (CA INDEX NAME)



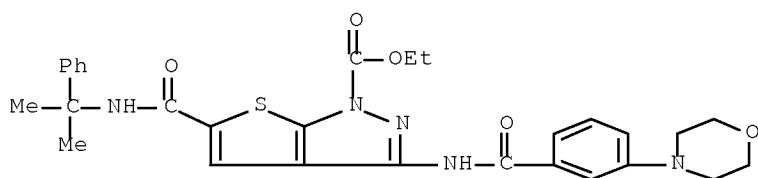
RN 1056902-13-6 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
3-[(2-methoxybenzoyl)amino]-5-[[1-methyl-1-phenylethyl]amino]carbonyl-,
ethyl ester (CA INDEX NAME)



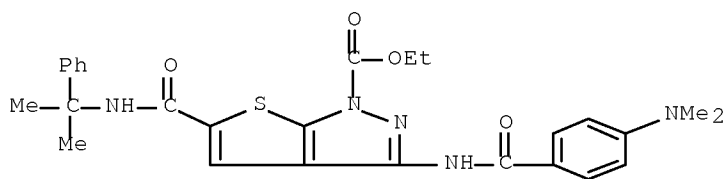
RN 1056902-17-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[1-methyl-1-phenylethyl]amino]carbonyl]-3-[[3-(4-
morpholinyl)benzoyl]amino]-, ethyl ester (CA INDEX NAME)



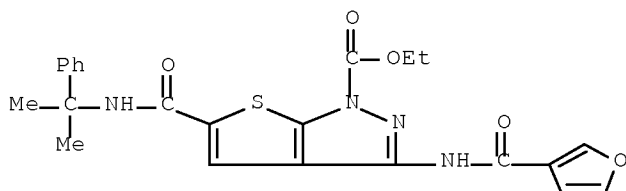
RN 1056902-18-1 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
3-[[4-(dimethylamino)benzoyl]amino]-5-[[1-methyl-1-
phenylethyl]amino]carbonyl-, ethyl ester (CA INDEX NAME)



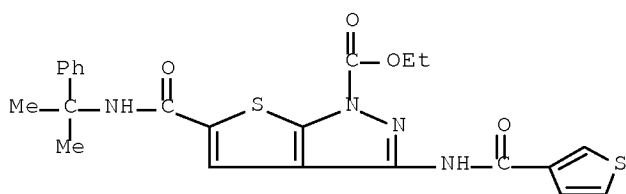
RN 1056902-24-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
3-[(3-furanylcarbonyl)amino]-5-[[(1-methyl-1-phenylethyl)amino]carbonyl]-,
ethyl ester (CA INDEX NAME)



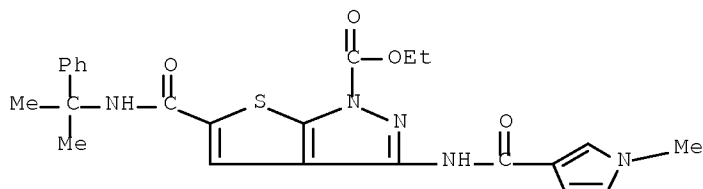
RN 1056902-36-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[(1-methyl-1-phenylethyl)amino]carbonyl]-3-[(3-thienylcarbonyl)amino]-,
ethyl ester (CA INDEX NAME)



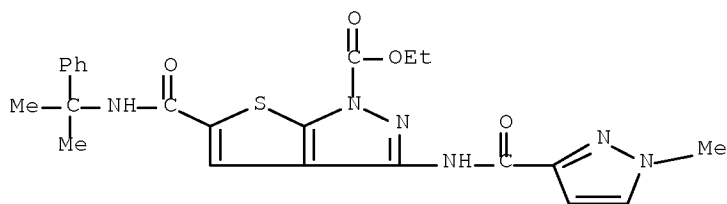
RN 1056902-37-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[(1-methyl-1-phenylethyl)amino]carbonyl]-3-[[(1-methyl-1H-pyrrol-3-yl)carbonyl]amino]-, ethyl ester (CA INDEX NAME)



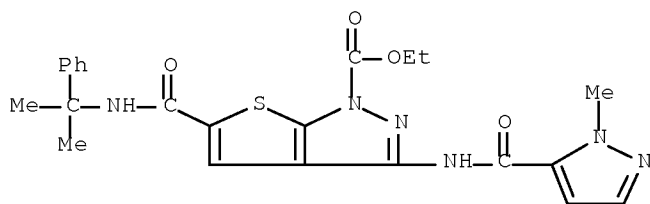
RN 1056902-38-5 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[(1-methyl-1-phenylethyl)amino]carbonyl]-3-[[(1-methyl-1H-pyrazol-3-yl)carbonyl]amino]-, ethyl ester (CA INDEX NAME)



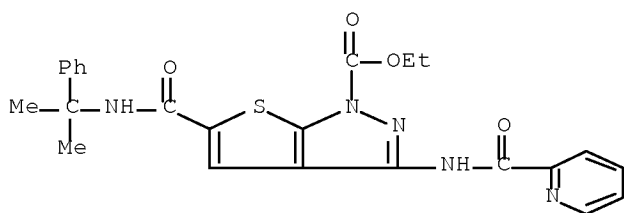
RN 1056902-39-6 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[(1-methyl-1-phenylethyl)amino]carbonyl]-3-[[[(1-methyl-1H-pyrazol-5-yl)carbonyl]amino]-, ethyl ester (CA INDEX NAME)



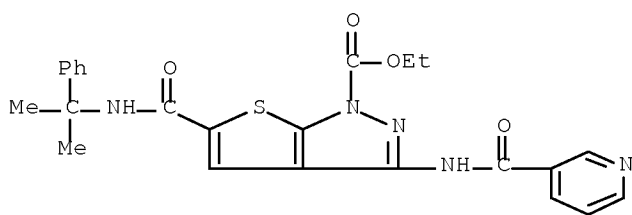
RN 1056902-40-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[(1-methyl-1-phenylethyl)amino]carbonyl]-3-[(2-pyridinylcarbonyl)amino]-, ethyl ester (CA INDEX NAME)



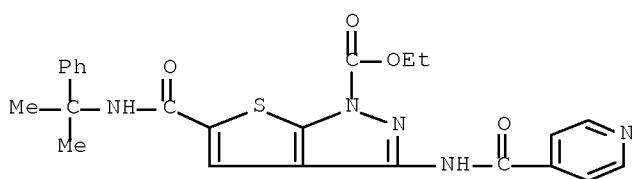
RN 1056902-41-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[(1-methyl-1-phenylethyl)amino]carbonyl]-3-[(3-pyridinylcarbonyl)amino]-, ethyl ester (CA INDEX NAME)



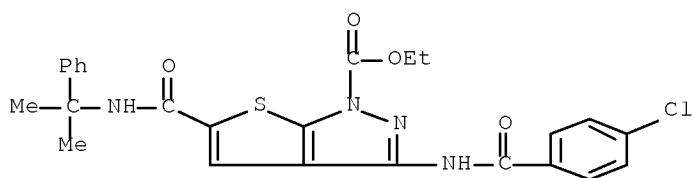
RN 1056902-42-1 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[(1-methyl-1-phenylethyl) amino]carbonyl]-3-[(4-pyridinylcarbonyl) amino]-
, ethyl ester (CA INDEX NAME)



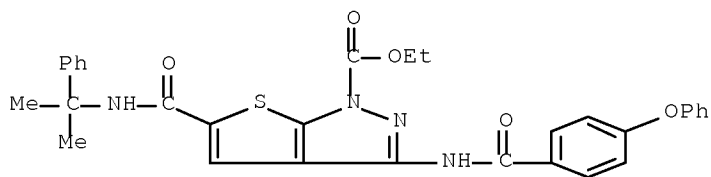
RN 1056902-44-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
3-[(4-chlorobenzoyl) amino]-5-[[(1-methyl-1-phenylethyl) amino]carbonyl]-,
ethyl ester (CA INDEX NAME)



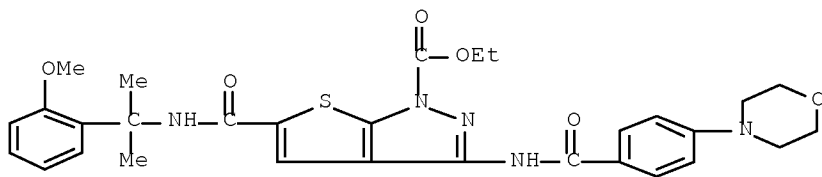
RN 1056902-45-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[(1-methyl-1-phenylethyl) amino]carbonyl]-3-[(4-phenoxybenzoyl) amino]-,
ethyl ester (CA INDEX NAME)



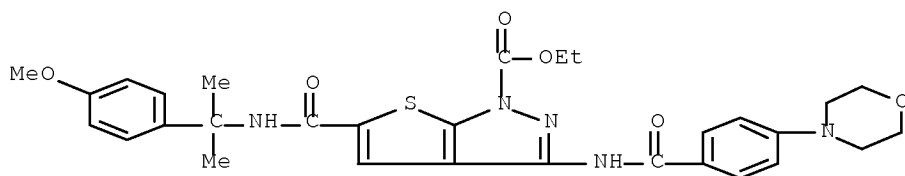
RN 1056902-46-5 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[1-(2-methoxyphenyl)-1-methylethyl]amino]carbonyl]-3-[[4-(4-morpholinyl)benzoyl]amino]-, ethyl ester (CA INDEX NAME)



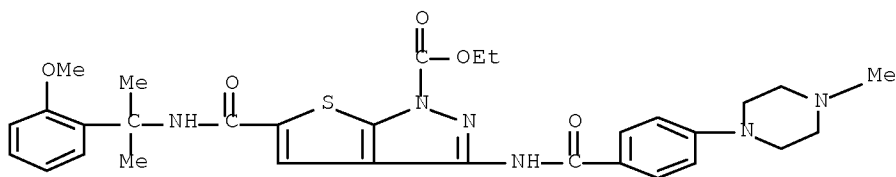
RN 1056902-47-6 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[1-(4-methoxyphenyl)-1-methylethyl]amino]carbonyl]-3-[[4-(4-morpholinyl)benzoyl]amino]-, ethyl ester (CA INDEX NAME)



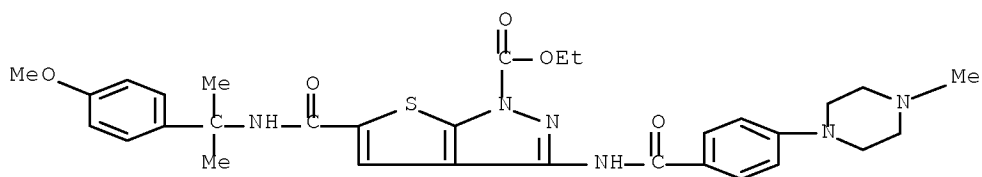
RN 1056902-48-7 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[1-(2-methoxyphenyl)-1-methylethyl]amino]carbonyl]-3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-, ethyl ester (CA INDEX NAME)



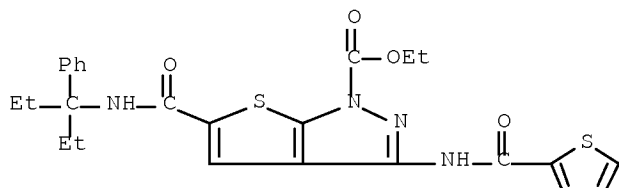
RN 1056902-51-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[1-(4-methoxyphenyl)-1-methylethyl]amino]carbonyl]-3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-, ethyl ester (CA INDEX NAME)



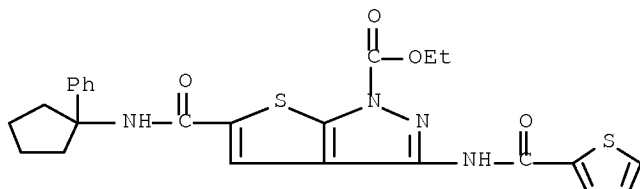
RN 1056902-52-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[1-(1-ethyl-1-phenylpropyl)amino]carbonyl]-3-[(2-thienylcarbonyl)amino]-,
ethyl ester (CA INDEX NAME)



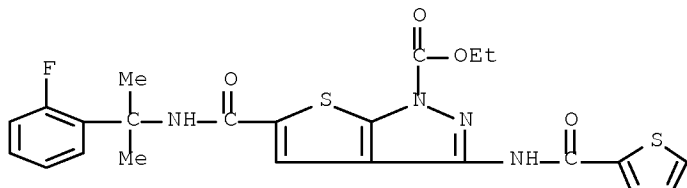
RN 1056902-53-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[1-(1-phenylcyclopentyl)amino]carbonyl]-3-[(2-thienylcarbonyl)amino]-,
ethyl ester (CA INDEX NAME)



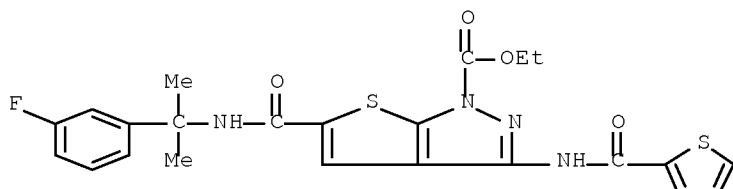
RN 1056902-54-5 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[1-(2-fluorophenyl)-1-methylethyl]amino]carbonyl]-3-[(2-thienylcarbonyl)amino]-,
ethyl ester (CA INDEX NAME)



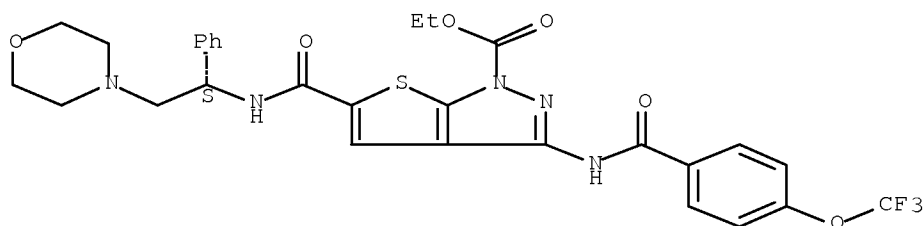
RN 1056902-62-5 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[1-(3-fluorophenyl)-1-methylethyl]amino]carbonyl]-3-[(2-thienylcarbonyl)amino]-, ethyl ester (CA INDEX NAME)



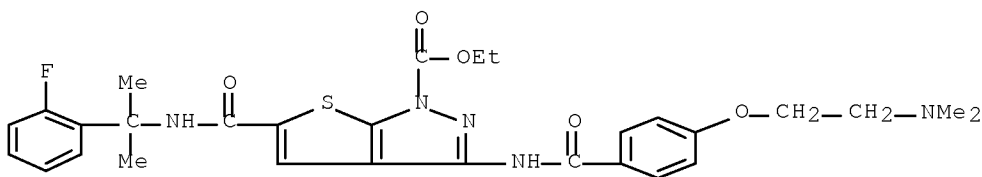
RN 1056902-75-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[(1S)-2-(4-morpholinyl)-1-phenylethyl]amino]carbonyl]-3-[[4-(trifluoromethoxy)benzoyl]amino]-, ethyl ester (CA INDEX NAME)



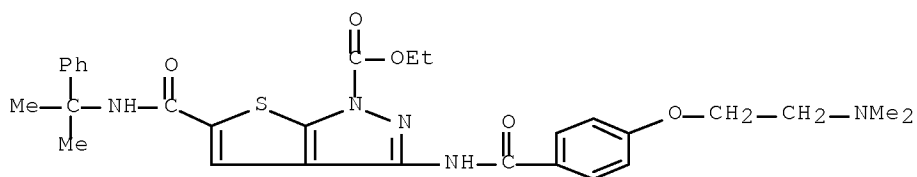
RN 1056902-85-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
3-[[4-[2-(dimethylamino)ethoxy]benzoyl]amino]-5-[[[1-(2-fluorophenyl)-1-methylethyl]amino]carbonyl]-, ethyl ester (CA INDEX NAME)



RN 1056902-87-4 CAPLUS

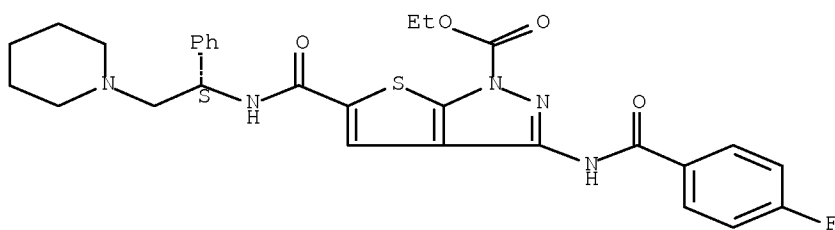
CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
3-[[4-[2-(dimethylamino)ethoxy]benzoyl]amino]-5-[[[1-methyl-1-phenylethyl]amino]carbonyl]-, ethyl ester (CA INDEX NAME)



RN 1056902-88-5 CAPLUS

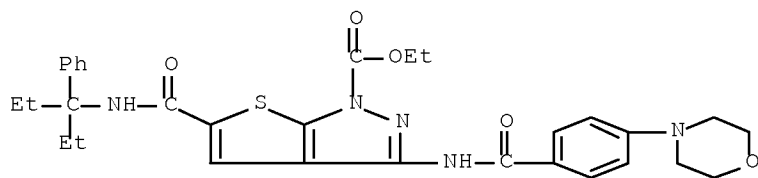
CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
3-[(4-fluorobenzoyl)amino]-5-[[[(1S)-1-phenyl-2-(1-
piperidinyl)ethyl]amino]carbonyl]-, ethyl ester (CA INDEX NAME)

Absolute stereochemistry.



RN 1056902-93-2 CAPLUS

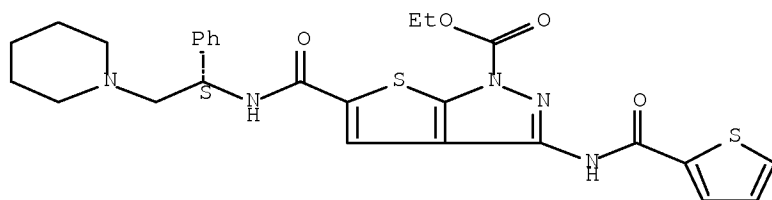
CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[(1-ethyl-1-phenylpropyl)amino]carbonyl]-3-[[4-(4-
morpholinyl)benzoyl]amino]-, ethyl ester (CA INDEX NAME)



RN 1056903-06-0 CAPLUS

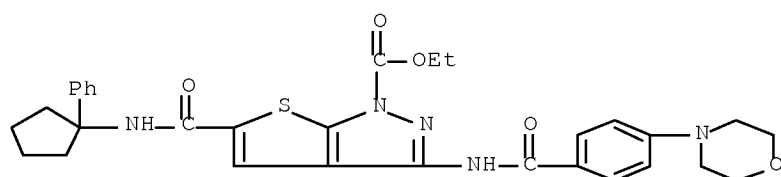
CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[(1S)-1-phenyl-2-(1-piperidinyl)ethyl]amino]carbonyl]-3-[(2-
thienylcarbonyl)amino]-, ethyl ester (CA INDEX NAME)

Absolute stereochemistry.



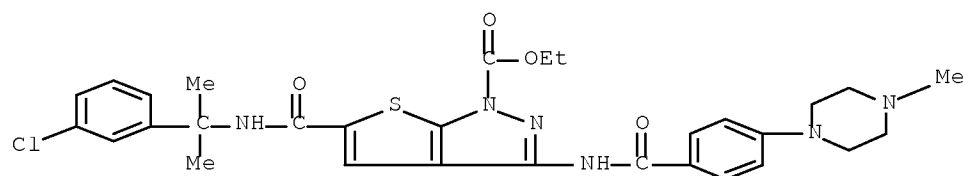
RN 1056903-07-1 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
3-[[4-(4-morpholinyl)benzoyl]amino]-5-[[1-phenylcyclopentyl]amino]carbonyl]-, ethyl ester (CA INDEX NAME)



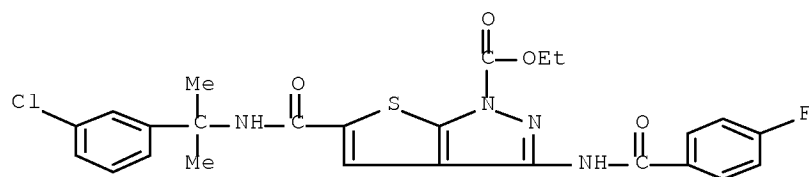
RN 1056903-08-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[1-(3-chlorophenyl)-1-methylethyl]amino]carbonyl]-3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-, ethyl ester (CA INDEX NAME)



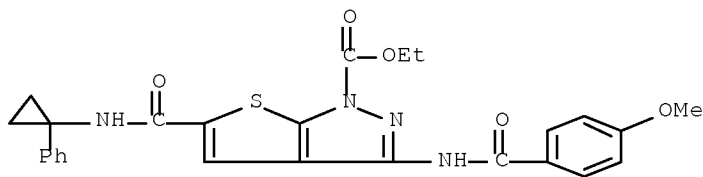
RN 1056903-09-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[1-(3-chlorophenyl)-1-methylethyl]amino]carbonyl]-3-[[4-(4-fluorobenzoyl)amino]-, ethyl ester (CA INDEX NAME)



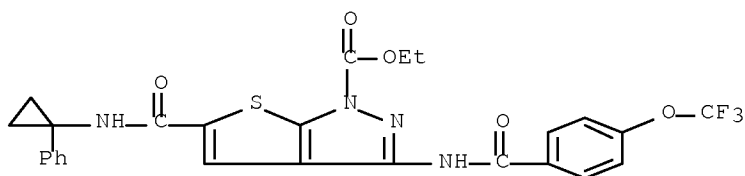
RN 1056903-10-6 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
3-[(4-methoxybenzoyl)amino]-5-[[(1-phenylcyclopropyl)amino]carbonyl]-,
ethyl ester (CA INDEX NAME)



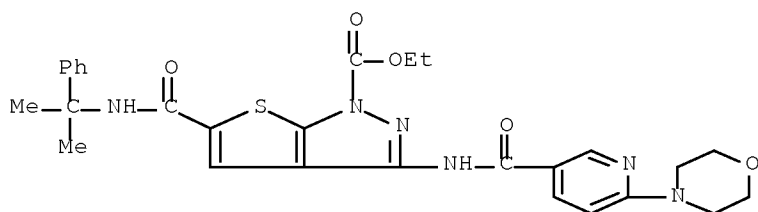
RN 1056903-11-7 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[(1-phenylcyclopropyl)amino]carbonyl]-3-[[4-(trifluoromethoxy)benzoyl]amino]-, ethyl ester (CA INDEX NAME)



RN 1056903-12-8 CAPLUS

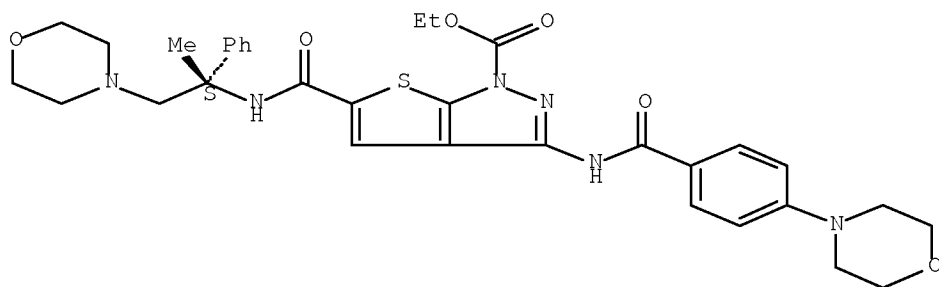
CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[(1-methyl-1-phenylethyl)amino]carbonyl]-3-[[[6-(4-morpholinyl)-3-pyridinyl]carbonyl]amino]-, ethyl ester (CA INDEX NAME)



RN 1056903-13-9 CAPLUS

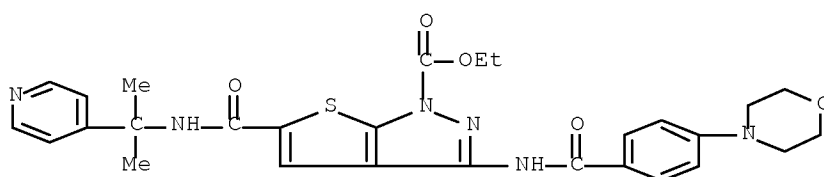
CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[(1S)-1-methyl-2-(4-morpholinyl)-1-phenylethyl]amino]carbonyl]-3-[[4-(4-morpholinyl)benzoyl]amino]-, ethyl ester (CA INDEX NAME)

Absolute stereochemistry.



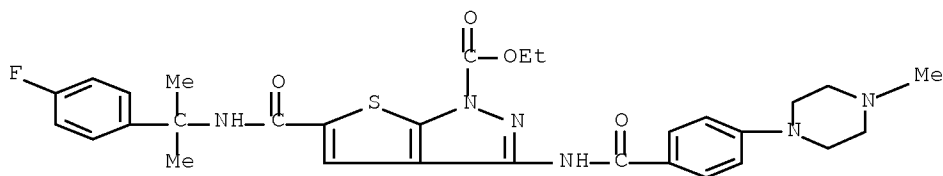
RN 1056903-14-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[1-methyl-1-(4-pyridinyl)ethyl]amino]carbonyl]-3-[[4-(4-morpholinyl)benzoyl]amino]-, ethyl ester (CA INDEX NAME)



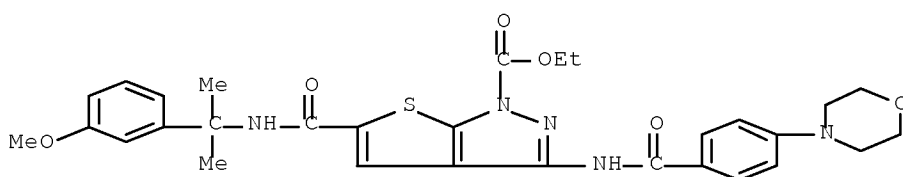
RN 1056903-16-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[1-(4-fluorophenyl)-1-methylethyl]amino]carbonyl]-3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-, ethyl ester (CA INDEX NAME)

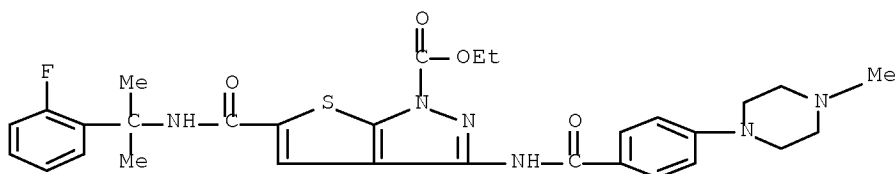


RN 1056903-18-4 CAPLUS

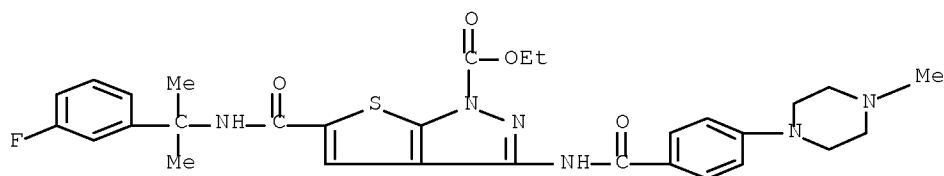
CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[1-(3-methoxyphenyl)-1-methylethyl]amino]carbonyl]-3-[[4-(4-morpholinyl)benzoyl]amino]-, ethyl ester (CA INDEX NAME)



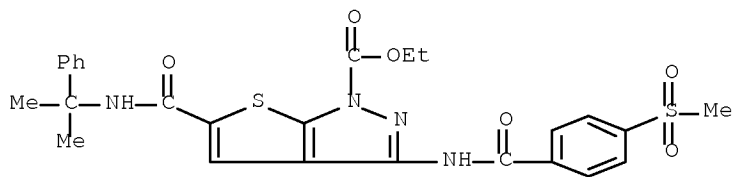
RN 1056903-19-5 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
 5-[[[1-(2-fluorophenyl)-1-methylethyl]amino]carbonyl]-3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-, ethyl ester (CA INDEX NAME)



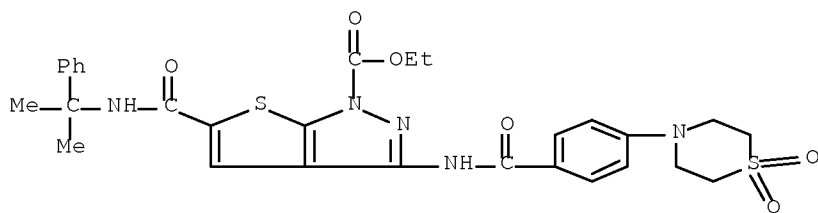
RN 1056903-20-8 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
 5-[[[1-(3-fluorophenyl)-1-methylethyl]amino]carbonyl]-3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-, ethyl ester (CA INDEX NAME)



RN 1056903-21-9 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
 5-[[[1-(1-methyl-1-phenylethyl)amino]carbonyl]-3-[[4-(methylsulfonyl)benzoyl]amino]-, ethyl ester (CA INDEX NAME)

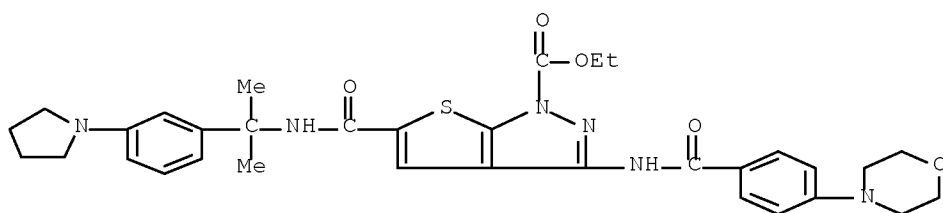


RN 1056903-22-0 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
 3-[[4-(1,1-dioxido-4-thiomorpholinyl)benzoyl]amino]-5-[[[1-(1-methyl-1-phenylethyl)amino]carbonyl]-, ethyl ester (CA INDEX NAME)



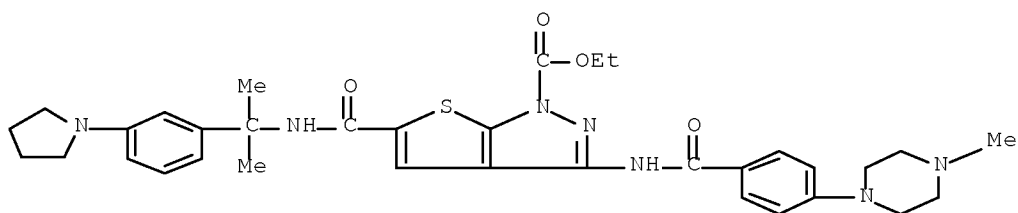
RN 1056903-23-1 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[1-methyl-1-[3-(1-pyrrolidinyl)phenyl]ethyl]amino]carbonyl]-3-[[4-(4-morpholinyl)benzoyl]amino]-, ethyl ester (CA INDEX NAME)



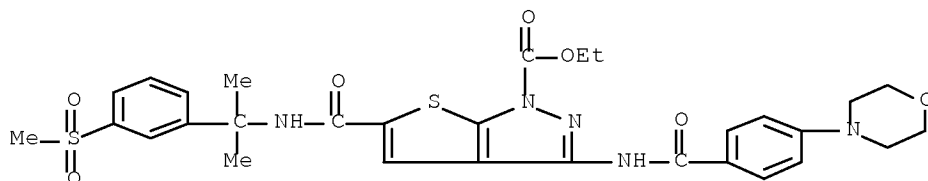
RN 1056903-24-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-5-[[[1-methyl-1-[3-(1-pyrrolidinyl)phenyl]ethyl]amino]carbonyl]-, ethyl ester (CA INDEX NAME)

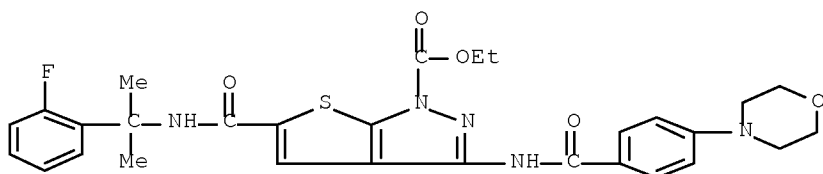


RN 1056903-25-3 CAPLUS

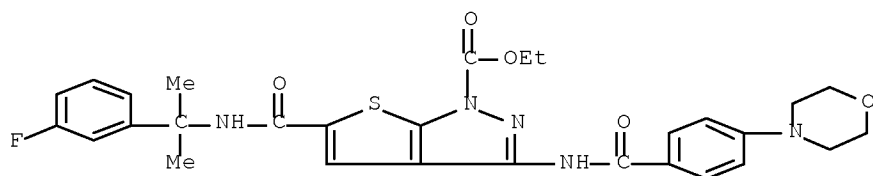
CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[1-methyl-1-[3-(methylsulfonyl)phenyl]ethyl]amino]carbonyl]-3-[[4-(4-morpholinyl)benzoyl]amino]-, ethyl ester (CA INDEX NAME)



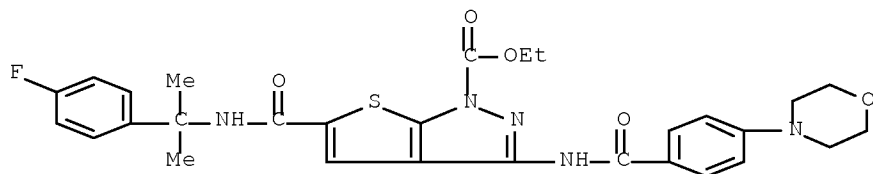
RN 1056903-26-4 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
 5-[[[1-(2-fluorophenyl)-1-methylethyl]amino]carbonyl]-3-[[4-(4-morpholinyl)benzoyl]amino]-, ethyl ester (CA INDEX NAME)



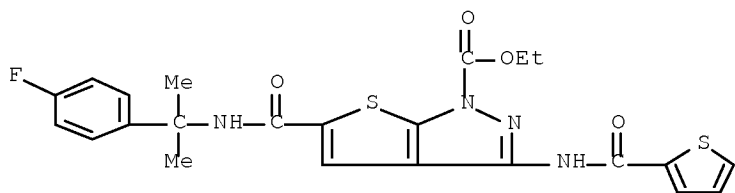
RN 1056903-27-5 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
 5-[[[1-(3-fluorophenyl)-1-methylethyl]amino]carbonyl]-3-[[4-(4-morpholinyl)benzoyl]amino]-, ethyl ester (CA INDEX NAME)



RN 1056903-28-6 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
 5-[[[1-(4-fluorophenyl)-1-methylethyl]amino]carbonyl]-3-[[4-(4-morpholinyl)benzoyl]amino]-, ethyl ester (CA INDEX NAME)

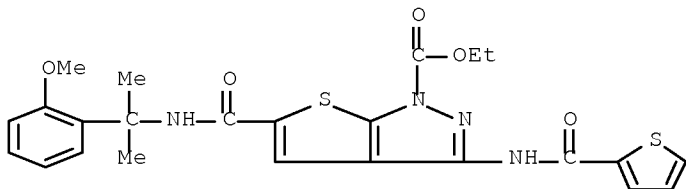


RN 1056903-29-7 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
 5-[[[1-(4-fluorophenyl)-1-methylethyl]amino]carbonyl]-3-[(2-thienylcarbonyl)amino]-, ethyl ester (CA INDEX NAME)



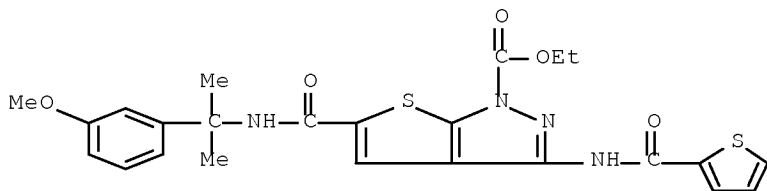
RN 1056903-30-0 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[1-(2-methoxyphenyl)-1-methylethyl]amino]carbonyl]-3-[(2-thienylcarbonyl)amino]-, ethyl ester (CA INDEX NAME)



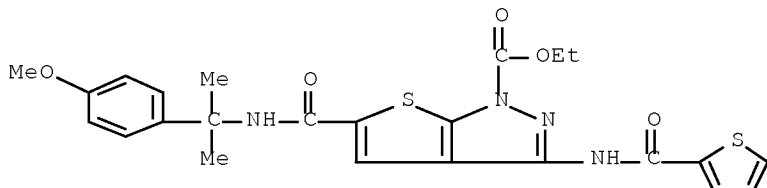
RN 1056903-31-1 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[1-(3-methoxyphenyl)-1-methylethyl]amino]carbonyl]-3-[(2-thienylcarbonyl)amino]-, ethyl ester (CA INDEX NAME)



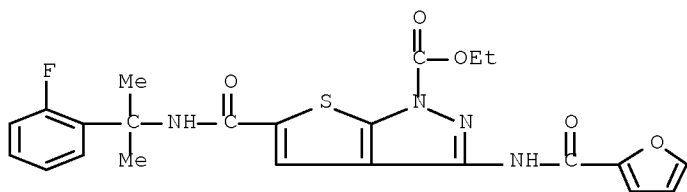
RN 1056903-32-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[1-(4-methoxyphenyl)-1-methylethyl]amino]carbonyl]-3-[(2-thienylcarbonyl)amino]-, ethyl ester (CA INDEX NAME)



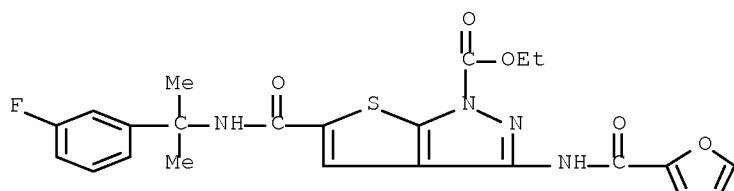
RN 1056903-33-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[1-(2-fluorophenyl)-1-methylethyl]amino]carbonyl]-3-[(2-furanylcarbonyl)amino]-, ethyl ester (CA INDEX NAME)



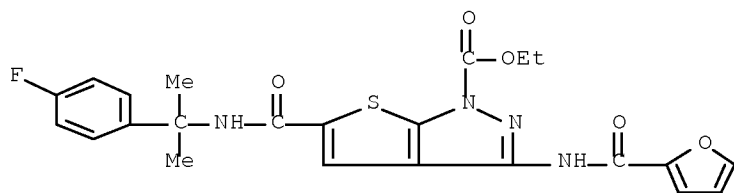
RN 1056903-34-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[1-(3-fluorophenyl)-1-methylethyl]amino]carbonyl]-3-[(2-furanylcarbonyl)amino]-, ethyl ester (CA INDEX NAME)



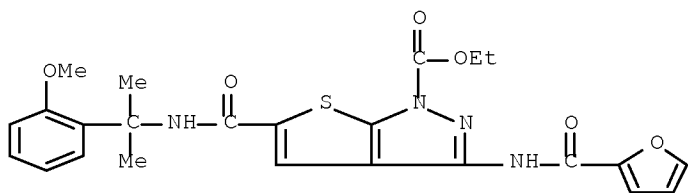
RN 1056903-35-5 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[1-(4-fluorophenyl)-1-methylethyl]amino]carbonyl]-3-[(2-furanylcarbonyl)amino]-, ethyl ester (CA INDEX NAME)



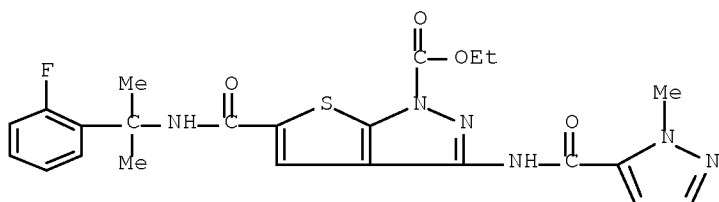
RN 1056903-36-6 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
3-[(2-furanylcarbonyl)amino]-5-[[[1-(2-methoxyphenyl)-1-methylethyl]amino]carbonyl]-, ethyl ester (CA INDEX NAME)



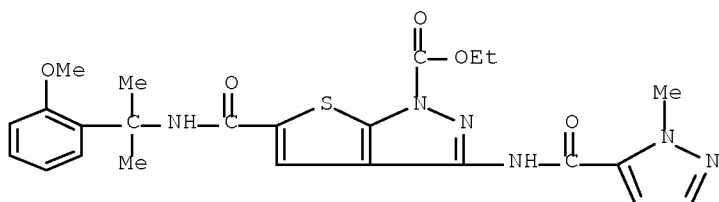
RN 1056903-37-7 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[1-(2-fluorophenyl)-1-methylethyl]amino]carbonyl]-3-[[1-methyl-1H-pyrazol-5-yl]carbonyl]amino]-, ethyl ester (CA INDEX NAME)



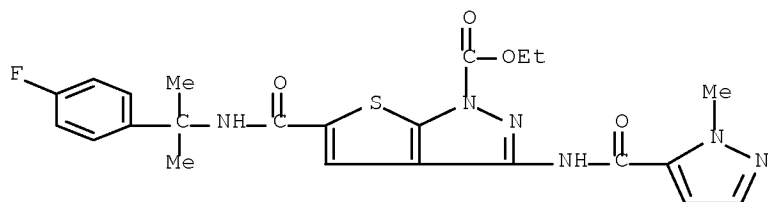
RN 1056903-38-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[1-(2-methoxyphenyl)-1-methylethyl]amino]carbonyl]-3-[[1-methyl-1H-pyrazol-5-yl]carbonyl]amino]-, ethyl ester (CA INDEX NAME)



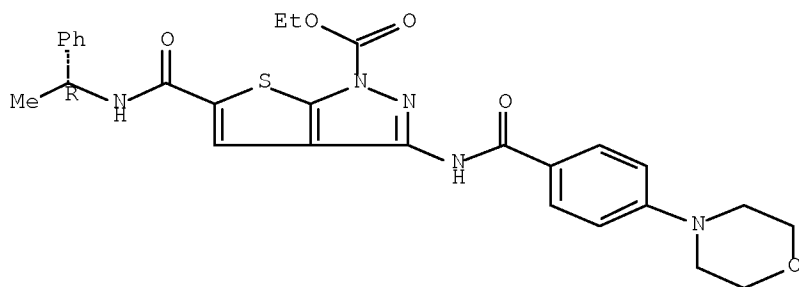
RN 1056903-39-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[1-(4-fluorophenyl)-1-methylethyl]amino]carbonyl]-3-[[1-methyl-1H-pyrazol-5-yl]carbonyl]amino]-, ethyl ester (CA INDEX NAME)



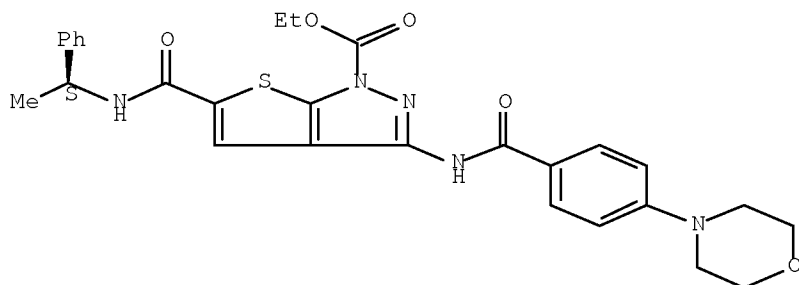
RN 1056903-40-2 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
 3-[[4-(4-morpholinyl)benzoyl]amino]-5-[[[(1R)-1-phenylethyl]amino]carbonyl]-, ethyl ester (CA INDEX NAME)

Absolute stereochemistry.

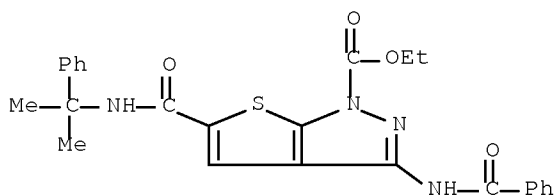


RN 1056903-41-3 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
 3-[[4-(4-morpholinyl)benzoyl]amino]-5-[[[(1S)-1-phenylethyl]amino]carbonyl]-, ethyl ester (CA INDEX NAME)

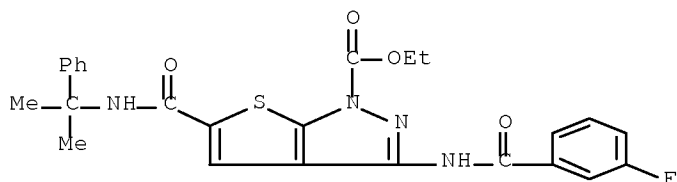
Absolute stereochemistry.



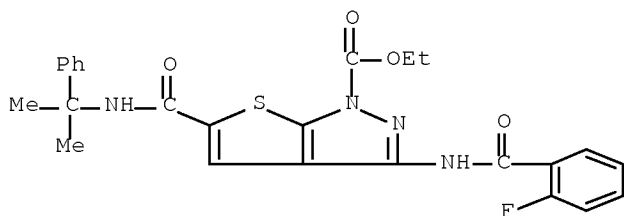
RN 1056903-44-6 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
 3-(benzoylamino)-5-[[[1-methyl-1-phenylethyl]amino]carbonyl]-, ethyl ester
 (CA INDEX NAME)



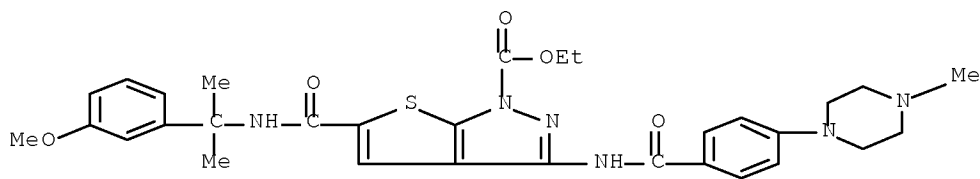
RN 1056903-45-7 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
 3-[(3-fluorobenzoyl)amino]-5-[[1-(1-methyl-1-phenylethyl)amino]carbonyl]-,
 ethyl ester (CA INDEX NAME)



RN 1056903-46-8 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
 3-[(2-fluorobenzoyl)amino]-5-[[1-(1-methyl-1-phenylethyl)amino]carbonyl]-,
 ethyl ester (CA INDEX NAME)

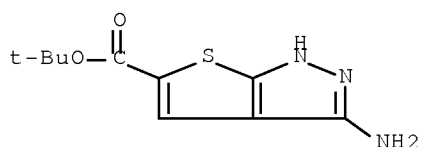


RN 1056903-91-3 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
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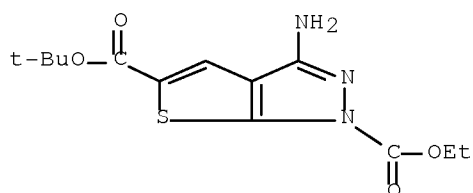


IT 656235-18-6P, tert-Butyl 3-amino-1H-thieno[2,3-c]pyrazole-5-
 carboxylate 862559-62-4P 862559-63-5P
 862559-65-7P 862559-67-9P 862559-69-1P
 862559-71-5P 862559-73-7P 862559-75-9P
 862559-77-1P 862559-80-6P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation of thieno[2,3-c]pyrazole derivs. as protein kinase inhibitors)

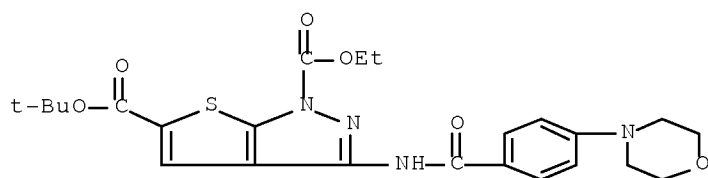
RN 656235-18-6 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid, 3-amino-, 1,1-dimethylethyl ester (CA INDEX NAME)



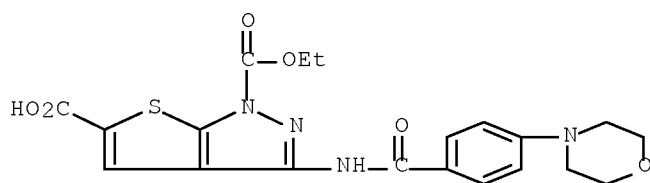
RN 862559-62-4 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid, 3-amino-, 5-(1,1-dimethylethyl) 1-ethyl ester (CA INDEX NAME)



RN 862559-63-5 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid, 3-[[4-(4-morpholinyl)benzoyl]amino]-, 5-(1,1-dimethylethyl) 1-ethyl ester (CA INDEX NAME)



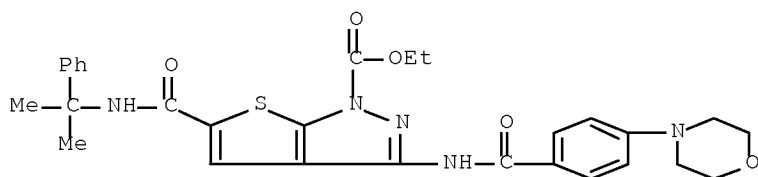
RN 862559-65-7 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid, 3-[[4-(4-morpholinyl)benzoyl]amino]-, 1-ethyl ester, hydrochloride (1:1) (CA INDEX NAME)



● HCl

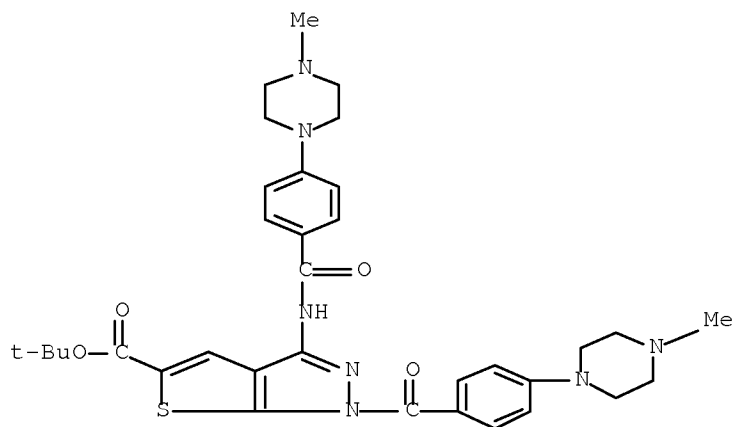
RN 862559-67-9 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
5-[[[(1-methyl-1-phenylethyl)amino]carbonyl]-3-[[4-(4-morpholinyl)benzoyl]amino]-, ethyl ester (CA INDEX NAME)



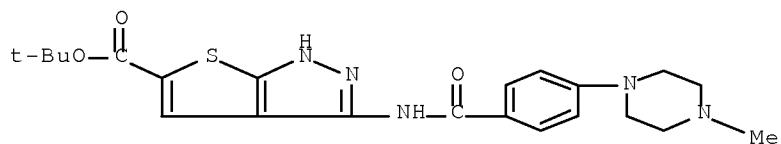
RN 862559-69-1 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
1-[4-(4-methyl-1-piperazinyl)benzoyl]-3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-, 1,1-dimethylethyl ester (CA INDEX NAME)

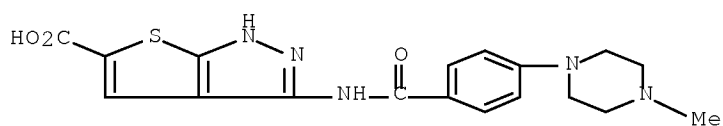


RN 862559-71-5 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-, 1,1-dimethylethyl ester
(CA INDEX NAME)

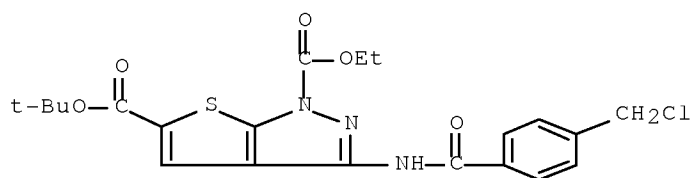


RN 862559-73-7 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
 3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-, hydrochloride (1:1) (CA
 INDEX NAME)

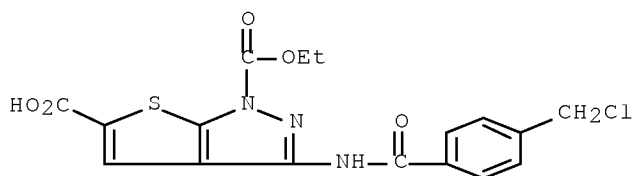


● HCl

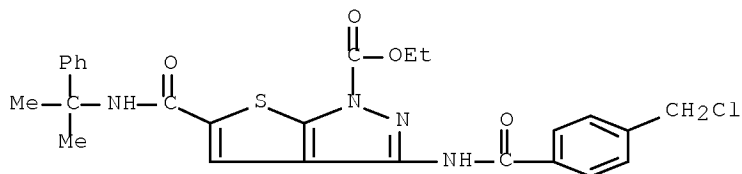
RN 862559-75-9 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
 3-[[4-(chloromethyl)benzoyl]amino]-, 5-(1,1-dimethylethyl) 1-ethyl ester
 (CA INDEX NAME)



RN 862559-77-1 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-1,5-dicarboxylic acid,
 3-[[4-(chloromethyl)benzoyl]amino]-, 1-ethyl ester (CA INDEX NAME)



RN 862559-80-6 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-1-carboxylic acid,
 3-[[4-(chloromethyl)benzoyl]amino]-5-[[[(1-methyl-1-
 phenylethyl)amino]carbonyl]-, ethyl ester (CA INDEX NAME)

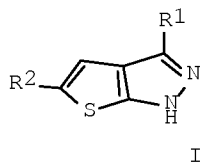


REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 11 OF 22 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2005:99176 CAPLUS Full-text
 DOCUMENT NUMBER: 142:198080
 TITLE: Preparation of substituted thieno[2,3-c]pyrazoles and
 their use as medicinal products for cancer and
 neurodegenerative diseases
 INVENTOR(S): Bigot, Antony; Clerc, Francois; Doerflinger, Gilles;
 Mignani, Serge; Minoux, Herve
 PATENT ASSIGNEE(S): Aventis Pharma S.A., Fr.
 SOURCE: U.S. Pat. Appl. Publ., 15 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|------------|
| US 20050026984 | A1 | 20050203 | US 2004-900549 | 20040728 |
| PRIORITY APPLN. INFO.: | | | FR 2003-9284 | A 20030729 |
| | | | US 2003-500614P | P 20030905 |

OTHER SOURCE(S): CASREACT 142:198080; MARPAT 142:198080
 GI



AB The present invention relates in particular to novel chemical compds.,
 particularly novel substituted thieno[2,3-c]pyrazoles I [R1 = XY; X = ; Y =
 (un)substituted; R2 = XY, ; R = H, alkyl; n = 0 - 2; a = 1, 2; all above are
 optionally substituted with alkyl, aryl, amino or alkoxy; with the proviso

that when R2 = R1, then X ≠ NHCO, NHSO2], to the compns. containing them and to their use as medicinal products for treating cancers and also neurodegenerative diseases. Thus, 3-phenyl-1H-thieno[2,3-c]pyrazole-5-carboxylic acid N-benzyl-N-methylamide [I; R1 = Ph, R2 = CONMeCH2Ph] was prepared from 1-benzyl-5-chloro-3-phenylpyrazole-4-carboxaldehyde via cyclocondensation with HSCH2CO2Et, chlorination with SOCl2 and amidation with PhCH2NHMe. The protein kinase inhibitory activity of I was tested against FAK, KDR, Aurora 2, Src and Tie2 (Ki = 100 - 5000 nM).

IT 836633-20-6P

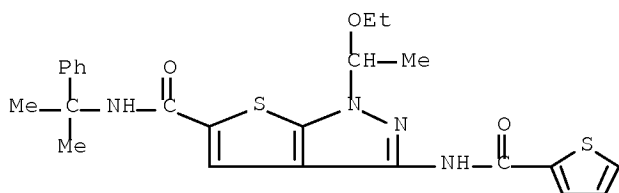
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and N-deprotection of; preparation of thieno[2,3-c]pyrazole derivs.

for use in treatment of cancer and neurodegenerative diseases)

RN 836633-20-6 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
1-(1-ethoxyethyl)-N-(1-methyl-1-phenylethyl)-3-[(2-thienylcarbonyl)amino]-
(CA INDEX NAME)



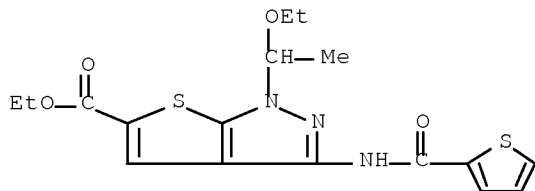
IT 836633-22-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and amidation of, with cumylamine; preparation of thieno[2,3-c]pyrazole derivs. for use in treatment of cancer and neurodegenerative diseases)

RN 836633-22-8 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
1-(1-ethoxyethyl)-3-[(2-thienylcarbonyl)amino]-, ethyl ester (CA INDEX NAME)

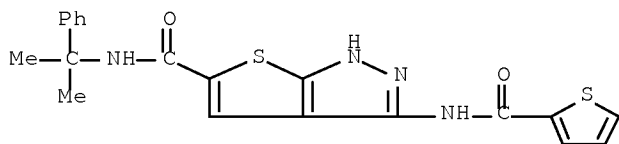


IT 836633-13-7P

RL: BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of thieno[2,3-c]pyrazole derivs. for use in treatment of cancer and neurodegenerative diseases)

RN 836633-13-7 CAPLUS
CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
N-(1-methyl-1-phenylethyl)-3-[(2-thienylcarbonyl)amino]- (CA INDEX NAME)

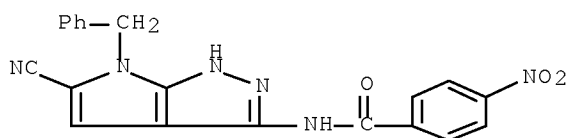


L3 ANSWER 12 OF 22 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2004:1001062 CAPLUS Full-text
DOCUMENT NUMBER: 142:113983
TITLE: Mononuclear heterocyclic rearrangement: Synthesis of
[5:5] bicyclic [c]-fused 3-aminopyrazoles via the N-N
bond formation strategy
AUTHOR(S): Berry, David A.; Chien, Tun-Cheng; Townsend, Leroy B.
CORPORATE SOURCE: Department of Medicinal Chemistry, College of
Pharmacy, The University of Michigan, Ann Arbor, MI,
48109-1065, USA
SOURCE: Heterocycles (2004), 63(11), 2475-2494
CODEN: HTCYAM; ISSN: 0385-5414
PUBLISHER: Japan Institute of Heterocyclic Chemistry
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 142:113983

AB The formation of [5:5] bicyclic heterocyclic ring systems containing
[c]pyrazoles, i.e. imidazo[4,5-c]pyrazole, pyrazolo[3,4-c]pyrazole,
pyrrolo[2,3-c]pyrazole, and pyrazolo[3,4-d][1,2,3]triazole, was accomplished
by mononuclear heterocyclic rearrangement (MHR). The core pyrazole ring was
formed based on a N-N bond formation strategy. The ring transformation of 5-
substituted 3-(2-aminoaryl)-1,2,4-oxadiazoles, under thermal conditions to the
corresponding [5:5] bicyclic [c]-fused 3-aminopyrazole ring systems was
promoted by sodium hydride in DMF or DMSO. The ring transformation by MHR has
provided a practical and general synthetic method for the derivs. of 3-
aminoimidazo[4,5-c]pyrazole, 3-aminopyrrolo[2,3-c]pyrazole, and 6-
aminopyrazolo[3,4-d][1,2,3]triazole.

IT 821004-47-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of N-[cyano(pyrrolo[2,3-c]pyrazolyl)]benzamide using
[amino(iminomethyl)pyrrololecarboxamide as synthetic intermediate)

RN 821004-47-1 CAPLUS
CN Benzamide, N-[5-cyano-1,6-dihydro-6-(phenylmethyl)pyrrolo[2,3-c]pyrazol-3-
yl]-4-nitro- (CA INDEX NAME)



REFERENCE COUNT: 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 13 OF 22 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:414631 CAPLUS Full-text

DOCUMENT NUMBER: 140:423660

TITLE: Preparation of thieno[3,2-c]pyridines and related
compounds as antiinflammatory agents

INVENTOR(S): Burkitt, Simon A.; Cardozo, Mario G.; Cushing, Timothy
D.; DeGraffenreid, Michael R.; Farthing, Christopher
N.; Hao, Xiaolin; Jaen, Juan C.; Jiao, Xian Yun;
Kopecky, David J.; Labelle, Marc; Lively, Sarah E.;
McMinn, Dustin L.; Rasmussen, Sven P.; Shin,
Youngsook; Smith, Andrew; Smith, Marie-Louise

PATENT ASSIGNEE(S): Tularik Inc., USA

SOURCE: U.S. Pat. Appl. Publ., 70 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

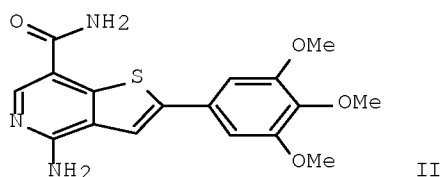
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|-------------|
| ----- | ---- | ----- | ----- | ----- |
| US 20040097485 | A1 | 20040520 | US 2003-666857 | 20030919 |
| US 7199119 | B2 | 20070403 | | |
| CA 2502429 | A1 | 20040521 | CA 2003-2502429 | 20030919 |
| WO 2004041285 | A1 | 20040521 | WO 2003-US29143 | 20030919 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, | | | | |
| CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, | | | | |
| GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, | | | | |
| LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, | | | | |
| PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, | | | | |
| TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, | | | | |
| KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, | | | | |
| FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, | | | | |
| BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| AU 2003270701 | A1 | 20040607 | AU 2003-270701 | 20030919 |
| EP 1556053 | A1 | 20050727 | EP 2003-752410 | 20030919 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, | | | | |
| IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | | |
| JP 2006512313 | T | 20060413 | JP 2004-549954 | 20030919 |
| US 20070155777 | A1 | 20070705 | US 2007-709895 | 20070221 |
| PRIORITY APPLN. INFO.: | | | US 2002-422531P | P 20021031 |
| | | | US 2003-666857 | A3 20030919 |
| | | | WO 2003-US29143 | W 20030919 |

OTHER SOURCE(S): MARPAT 140:423660

GI



AB The invention relates to title fused heterobicyclic compds. QLWR1R2 (I) [wherein W = 5-6, 6-6, or 5-5 fused bicyclic ring system wherein one or both rings are aromatic, containing N and 0-3 addnl. N, O, or S; R1 = carbamoyl, acyl, hydroxyiminomethyl, acylamino, sulfamoyl, heteroaryl, etc.; R2 = (un)substituted amino, heterocyclyl, OH; L = bond, alkylene, CO, CONR3, SO2NR3, CR3=CR4, O, S, NR3; R3 and R4 = independently H, (cyclo)alkyl, (hetero)aryl(alkyl), heterocyclyl; Q = cycloalkyl, (cyclo)alkenyl, alkynyl, alkoxy, halo, (hetero)aryl, heterocyclyl; with provisos; and pharmaceutically acceptable salts, hydrates, solvates, or prodrugs thereof], which were prepared as inhibitors of IKK α and IKK β enzymes, mediators of TNF- α and IL-1 induced I κ B phosphorylation and degradation For example, reaction of 2-bromo-7-cyano-4-(p-methoxybenzylamino)thieno[3,2-c]pyridine with concentrated H2SO4 gave 2-bromo-7-carboxamido-4-aminothieno[3,2-c]pyridine•H2SO4, which was coupled with 3,4,5-trimethoxybenzeneboronic acid in the presence of K2CO3 and PdCl2(dppf):DCM complex in DMF and H2O to afford II. All exemplified compds. inhibited recombinant, full-length IKK β enzyme with IC50 values of ≤ 10 μ M, and selected compds. displayed IC50 values ≤ 10 μ M against recombinant, full-length IRAK-1 and IRAK-4 enzymes. Thus, I and their pharmaceutical compns. are useful in the treatment of inflammatory, immunoregulatory, metabolic, infectious, and cell proliferative diseases or conditions (no data).

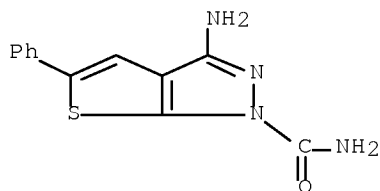
IT 690636-53-4P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(IKK inhibitor; preparation of thieno[3,2-c]pyridines and related fused heterobicyclic compds. as antiinflammatory agents)

RN 690636-53-4 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-1-carboxamide, 3-amino-5-phenyl- (CA INDEX NAME)

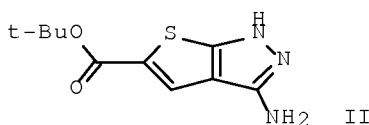
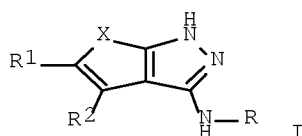


REFERENCE COUNT: 63 THERE ARE 63 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 14 OF 22 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2004:120860 CAPLUS Full-text
 DOCUMENT NUMBER: 140:163864

TITLE: Preparation of condensed heterocyclic pyrazole derivatives as protein kinase inhibitors
 INVENTOR(S): Tonani, Roberto; Bindì, Simona; Fancelli, Daniele; Pittala, Valeria; Varasi, Mario
 PATENT ASSIGNEE(S): Pharmacia Italia S.P.A, Italy
 SOURCE: PCT Int. Appl., 68 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|-------------------|-----------------|------------|
| WO 2004013146 | A1 | 20040212 | WO 2003-EP7531 | 20030711 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| CA 2493680 | A1 | 20040212 | CA 2003-2493680 | 20030711 |
| AU 2003250040 | A1 | 20040223 | AU 2003-250040 | 20030711 |
| EP 1530573 | A1 | 20050518 | EP 2003-766152 | 20030711 |
| EP 1530573 | B1 | 20080319 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | | |
| BR 2003012961 | A | 20050614 | BR 2003-12961 | 20030711 |
| JP 2005537288 | T | 20051208 | JP 2004-525180 | 20030711 |
| AT 389658 | T | 20080415 | AT 2003-766152 | 20030711 |
| ES 2303601 | T3 | 20080816 | ES 2003-766152 | 20030711 |
| MX 2005PA00946 | A | 20050516 | MX 2005-PA946 | 20050124 |
| US 20060122249 | A1 | 20060608 | US 2005-522250 | 20050919 |
| PRIORITY APPLN. INFO.: | | | US 2002-398121P | P 20020725 |
| | | | WO 2003-EP7531 | W 20030711 |
| OTHER SOURCE(S): | | MARPAT 140:163864 | | |
| GI | | | | |



AB The title compds. I [wherein X = O, S, SO, SO₂, or NR'; R and R¹ = independently H, (un)substituted R', COR', CO₂R', CONHR', CONR'R'', SO₂R', SO₂NHR', or SO₂NR'R''; R' and R'' = independently H, (un)substituted alkyl, heterocyclyl, aryl, or aralkyl; R₂ = (un)substituted R', CH₂OR', or OR'] or pharmaceutically acceptable salts thereof are prepared For example, the compound II was prepared in a five-step synthesis starting from Et 4-cyano-5-

(methylthio)thiophene-2-carboxylate. I can be used as protein kinase inhibitors, and are useful for the treatment of cancer (no data).

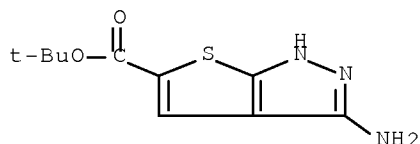
IT 656235-18-6P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; preparation of condensed heterocyclic pyrazole derivs. as protein kinase inhibitors)

RN 656235-18-6 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid, 3-amino-, 1,1-dimethylethyl ester (CA INDEX NAME)



L3 ANSWER 15 OF 22 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2004:60516 CAPLUS Full-text

DOCUMENT NUMBER: 140:111412

TITLE: Preparation of heterobicyclic pyrazole derivatives as kinase inhibitors

INVENTOR(S): Tonani, Roberto; Bindi, Simona; Fancelli, Daniele; Pittala, Valeria; Danello, Matteo

PATENT ASSIGNEE(S): Pharmacia Italia S.P.A., Italy

SOURCE: PCT Int. Appl., 76 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

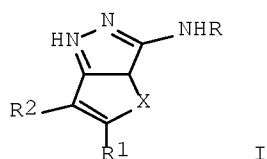
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|--|----------|-----------------|----------|
| WO 2004007504 | A1 | 20040122 | WO 2003-EP7529 | 20030711 |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | |
| RW: | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | |
| CA 2492673 | A1 | 20040122 | CA 2003-2492673 | 20030711 |
| AU 2003254337 | A1 | 20040202 | AU 2003-254337 | 20030711 |
| BR 2003012722 | A | 20050510 | BR 2003-12722 | 20030711 |
| EP 1534716 | A1 | 20050601 | EP 2003-763818 | 20030711 |
| EP 1534716 | B1 | 20080423 | | |
| R: | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | |
| JP 2006501191 | T | 20060112 | JP 2004-520596 | 20030711 |
| AT 393159 | T | 20080515 | AT 2003-763818 | 20030711 |

| | | | | |
|------------------------|----|----------|------------------|------------|
| ES 2304531 | T3 | 20081016 | ES 2003-763818 | 20030711 |
| TW 284645 | B | 20070801 | TW 2003-92119120 | 20030714 |
| MX 2005PA00629 | A | 20050425 | MX 2005-PA629 | 20050114 |
| PRIORITY APPLN. INFO.: | | | US 2002-396174P | P 20020717 |
| | | | WO 2003-EP7529 | W 20030711 |

OTHER SOURCE(S): MARPAT 140:111412

GI



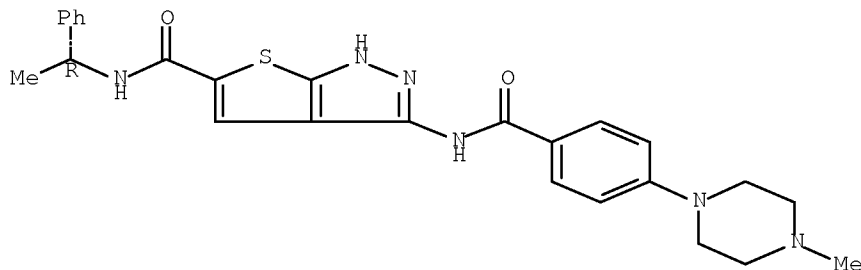
AB The title compds. [I; X = NR', O, S, SO, SO₂; R, R₁ = H, R', COR', CO₂R', CONHR', CONR'R'', SO₂R', SO₂NHR', SO₂NR'R'' (wherein R', R'' = H, alkyl, aryl, etc.); R₂ = R', CH₂OR', OR'] which may be useful, in therapy, in the treatment of diseases associated with a dysregulated protein kinase activity, like cancer, were prepared. E.g., a multi-step synthesis of Me 3-[(4-morpholin-4-ylbenzoyl)amino]-1H-thieno[3,2-c]pyrazole-5-carboxylate which showed IC₅₀ of <100 nM, <1000nM, and of <500 nM against Aurora-2, cdc7, and PAK-4, resp., was given. The pharmaceutical compns. comprising the compds. I are disclosed.

IT 648412-09-3F
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of heterobicyclic pyrazole derivs. as kinase inhibitors)

RN 648412-09-3 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide,
 3-[[4-(4-methyl-1-piperazinyl)benzoyl]amino]-N-[(1R)-1-phenylethyl]- (CA INDEX NAME)

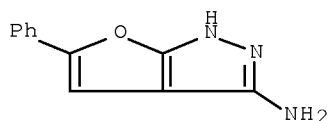
Absolute stereochemistry.



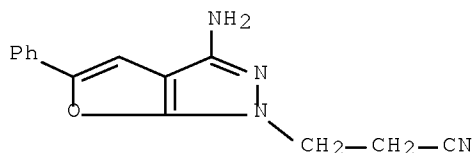
REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 16 OF 22 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1998:402031 CAPLUS Full-text

DOCUMENT NUMBER: 129:122635
 ORIGINAL REFERENCE NO.: 129:25129a,25132a
 TITLE: The reaction of phenacylmalononitrile with hydrazines: synthesis of new pyridazinones and pyrazolo[1,5-a]pyrimidines
 AUTHOR(S): Elnagdi, Mohamed Hilmy; El-Ghamry, Ibrahim; Kandeel, Ezz; Abdel Rahman, A. H.; Al-Naggar, Abdul Aziz; Amer, Samir; Riad, Mohamed
 CORPORATE SOURCE: Department of Chemistry, Faculty of Science, University of Kuwait, Safat, 13060, Kuwait
 SOURCE: Gazzetta Chimica Italiana (1997), 127(12), 791-794
 CODEN: GCITA9; ISSN: 0016-5603
 PUBLISHER: Societa Chimica Italiana
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 129:122635
 AB The reaction of phenacylmalononitrile with hydrazine hydrate affords a mixture of 3,5-diamino-4-phenacetylpyrazole (I), and 6-oxo-3-phenyl-1,4,5,6-tetrahydropyridazine-5-carbonitrile. The reaction of I with a variety of reagents, that enabled the synthesis of some new pyrazolo[1,5-a]pyrimidine derivs., is described.
 IT 210347-43-6P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (synthesis of pyridazinones and pyrazolo[1,5-a]pyrimidines)
 RN 210347-43-6 CAPLUS
 CN 1H-Furo[2,3-c]pyrazol-3-amine, 5-phenyl- (CA INDEX NAME)



IT 210347-42-5P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (synthesis of pyridazinones and pyrazolo[1,5-a]pyrimidines)
 RN 210347-42-5 CAPLUS
 CN 1H-Furo[2,3-c]pyrazole-1-propanenitrile, 3-amino-5-phenyl- (CA INDEX NAME)



REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 17 OF 22 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1998:239968 CAPLUS Full-text

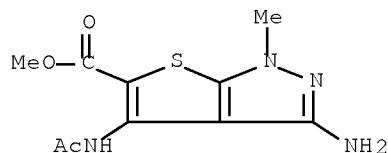
DOCUMENT NUMBER: 129:4623
ORIGINAL REFERENCE NO.: 129:1109a,1112a
TITLE: Synthesis of thieno-heterocycles from substituted
5-(methylthio)thiophene-4-carbonitriles
AUTHOR(S): Briel, D.
CORPORATE SOURCE: Inst. Pharmazie, Fak. Biowissenschaften, Pharmazie,
Psychologie, Univ. Leipzig, Leipzig, D-04103, Germany
SOURCE: Pharmazie (1998), 53(4), 227-231
CODEN: PHARAT; ISSN: 0031-7144
PUBLISHER: Govi-Verlag Pharmazeutischer Verlag
DOCUMENT TYPE: Journal
LANGUAGE: German
OTHER SOURCE(S): CASREACT 129:4623

AB 5-(Methylthio)-4-thiophenenitriles were used as C3-synthons for the synthesis
of thienodipyrimidines, thienopyrimidines, thienopyridines, thienopyrazoles,
and pyrazolothienopyrimidines. The thienopyrazoles and
pyrazolothienopyrimidines were screened for antiulcer activity.

IT 207452-83-3P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological
study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL
(Biological study); PREP (Preparation); RACT (Reactant or reagent)
(preparation and antiulcer activity)

RN 207452-83-3 CAPLUS

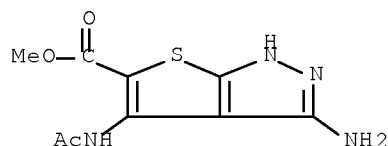
CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid,
4-(acetylamino)-3-amino-1-methyl-, methyl ester (CA INDEX NAME)



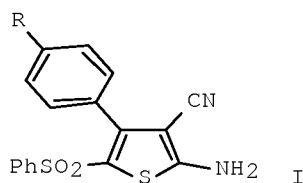
IT 207452-82-2P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological
study, unclassified); SPN (Synthetic preparation); BIOL (Biological
study); PREP (Preparation)
(preparation and antiulcer activity)

RN 207452-82-2 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid, 4-(acetylamino)-3-amino-,
methyl ester (CA INDEX NAME)



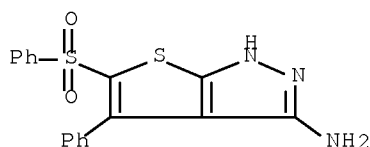
ORIGINAL REFERENCE NO.: 127:65097a,65100a
 TITLE: Syntheses with heterocyclic β -enamino nitriles.
 An expeditious synthetic approach to polyfunctionally
 substituted 5-phenyl-sulfonylthiophenes and their
 fused derivatives
 AUTHOR(S): Sherif, S. M.; Hussein, A. M.
 CORPORATE SOURCE: Faculty Science, Cairo University, Giza, Egypt
 SOURCE: Monatshefte fuer Chemie (1997), 128(6/7), 687-696
 CODEN: MOCMB7; ISSN: 0026-9247
 PUBLISHER: Springer
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 127:331458
 GI



AB PhSO₂CH₂COC₆H₄-4-R (R = H, Br) reacts with a mixture of elemental S and CH₂(CN)₂ to yield the corresponding thiophenecarbonitriles I. Compound I (R = H) could be annelated to the corresponding thieno[2,3-d]pyrimidine and thieno[2,3-c]pyrazole (II) upon reaction with the N nucleophiles NH₂CN and NH₂OH.HCl, resp. The applicability and synthetic potency of II to develop a facile convenient route to polyfunctional thieno[2',3':3,4]pyrazolo[1,5-a]pyrimidines is reported.

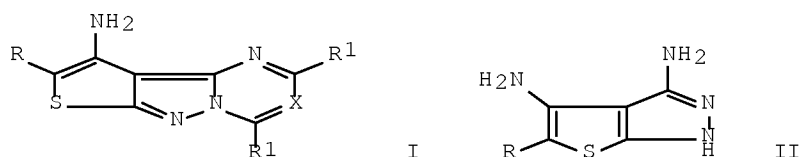
IT 197861-67-9P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of (phenylsulfonyl)thiophenes as heterocyclic enamino nitriles and their fused derivs.)

RN 197861-67-9 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazol-3-amine, 4-phenyl-5-(phenylsulfonyl)- (CA INDEX NAME)

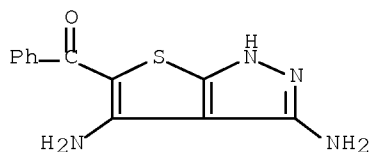


L3 ANSWER 19 OF 22 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1995:962283 CAPLUS Full-text
 DOCUMENT NUMBER: 124:176031
 ORIGINAL REFERENCE NO.: 124:32643a,32646a
 TITLE: Thieno[2',3':3,4]pyrazolo[1,5-a]pyrimidines and

AUTHOR(S): Briel, D.
 CORPORATE SOURCE: Institut Pharmazie, Universitaet Leipzig, Germany
 SOURCE: Pharmazie (1995), 50(10), 675-8
 CODEN: PHARAT; ISSN: 0031-7144
 PUBLISHER: Govi-Verlag Pharmazeutischer Verlag
 DOCUMENT TYPE: Journal
 LANGUAGE: German
 OTHER SOURCE(S): CASREACT 124:176031
 GI

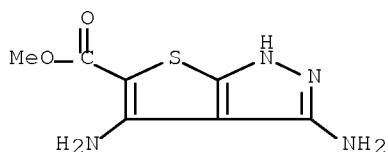


AB The novel tricyclic ring systems I (R = CO₂Me; R₁ = Me, 2-HOC₆H₄, Ph; X = CH, N) were prepared by reaction of thienopyrazoles II with 1,3-dielectrophiles, such as acetylacetone, dibenzoylmethane, or 1,2,4-dithiazole. Another synthetic route for the preparation of the tricyclic systems, based on pyrazoloazines, was investigated. I and II (R = CO₂Me, COPh) exhibited antiulcer activity.
 IT 139299-16-4P 139299-18-6P
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and antiulcer activity of thienopyrazolopyrimidines and -triazines)
 RN 139299-16-4 CAPLUS
 CN Methanone, (3,4-diamino-1H-thieno[2,3-c]pyrazol-5-yl)phenyl-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

RN 139299-18-6 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid, 3,4-diamino-, methyl ester, hydrochloride (1:1) (CA INDEX NAME)



● HCl

L3 ANSWER 20 OF 22 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1995:777293 CAPLUS Full-text

DOCUMENT NUMBER: 123:340045

ORIGINAL REFERENCE NO.: 123:61027a,61030a

TITLE: Aminothieno[2,3-c]pyrazoles and
aminothieno[2,3-b]pyrroles

AUTHOR(S): Gewald, K.; Rennert, S.; Schindler, R.; Schaefer, H.

CORPORATE SOURCE: Inst. Organische Chem., Technischen Univ., Dresden,
Germany

SOURCE: Journal fuer Praktische Chemie/Chemiker-Zeitung
(1995), 337(6), 472-7

CODEN: JPCCEM; ISSN: 0941-1216

PUBLISHER: Barth

DOCUMENT TYPE: Journal

LANGUAGE: German

AB The synthesis of thieno[2,3-c]pyrazolamines and thieno[2,3-b]pyrrolamines was described. These compds. were prepared from 3-amino-4-cyano-5-(methylthio)-1,2-dithiol-1-ium iodide as starting material.

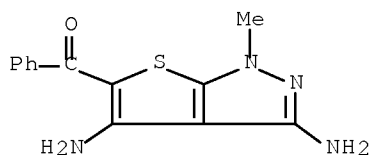
IT 139299-12-0P 170953-43-2P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)

(preparation of thieno[2,3-c]pyrazolamines and thieno[2,3-b]pyrrolamines)

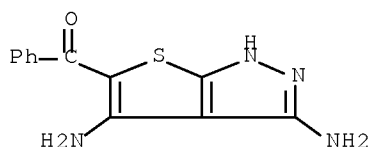
RN 139299-12-0 CAPLUS

CN Methanone, (3,4-diamino-1-methyl-1H-thieno[2,3-c]pyrazol-5-yl)phenyl- (CA
INDEX NAME)

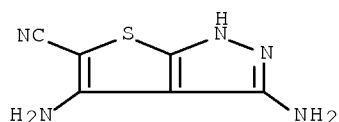


RN 170953-43-2 CAPLUS

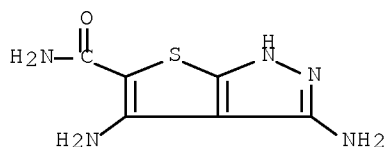
CN Methanone, (3,4-diamino-1H-thieno[2,3-c]pyrazol-5-yl)phenyl- (CA INDEX
NAME)



IT 170953-44-3P 170953-45-4P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of thieno[2,3-c]pyrazolamines and thieno[2,3-b]pyrrolamines)
 RN 170953-44-3 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-5-carbonitrile, 3,4-diamino- (CA INDEX NAME)



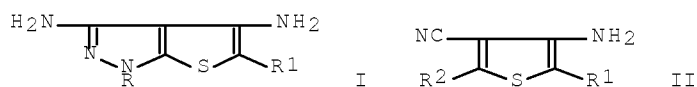
RN 170953-45-4 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-5-carboxamide, 3,4-diamino- (CA INDEX NAME)



L3 ANSWER 21 OF 22 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1992:106287 CAPLUS [Full-text](#)
 DOCUMENT NUMBER: 116:106287
 ORIGINAL REFERENCE NO.: 116:18003a,18006a
 TITLE: Preparation of thieno[2,3-c]pyrazole-3,4-diamines
 INVENTOR(S): Briel, Detlef; Moschke, Thomas; Wagner, Guenther;
 Lohmann, Dieter; Hoffmann, Wolfgang; Ploen, Ursula
 PATENT ASSIGNEE(S): Karl-Marx-Universitaet Leipzig, Germany
 SOURCE: Ger. (East), 6 pp.
 CODEN: GEXXA8
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|--|----------|-----------------|----------|
| DD 294485 | A5 | 19911002 | DD 1990-340708 | 19900516 |
| PRIORITY APPLN. INFO.: | | | DD 1990-340708 | 19900516 |
| OTHER SOURCE(S): | CASREACT 116:106287; MARPAT 116:106287 | | | |

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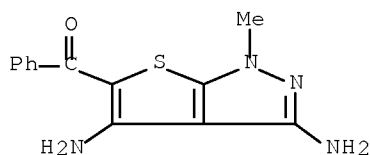
AB Title compds. I (R = H, Me; R1 = CO2Me, CO2Et, Bz) were prepared by treating thiophenes II (R2 = alkylsulfonyl) with RNHNH2 with or without isolation of the intermediates II (R2 = NRNH2). Thus, II (R1 = Bz, R2 = MeSO2) was prepared from II (R2 = SH) by methylation and oxidation and was treated with MeNHNH2 in MeOH under reflux followed by HCl-MeOH to give 60% I.HCl (R = Me, R1 = Bz).

IT 139299-12-0P 139299-14-2P 139299-16-4P
 139299-18-6P 139299-19-7P 139299-20-0P
 139299-21-1P 139299-25-5P 139299-27-7P

RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)

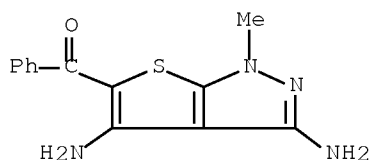
RN 139299-12-0 CAPLUS

CN Methanone, (3,4-diamino-1-methyl-1H-thieno[2,3-c]pyrazol-5-yl)phenyl- (CA INDEX NAME)



RN 139299-14-2 CAPLUS

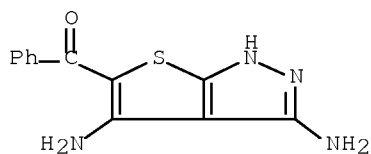
CN Methanone, (3,4-diamino-1-methyl-1H-thieno[2,3-c]pyrazol-5-yl)phenyl-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

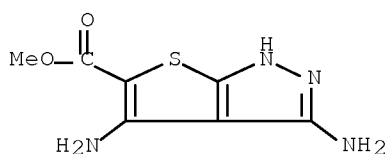
RN 139299-16-4 CAPLUS

CN Methanone, (3,4-diamino-1H-thieno[2,3-c]pyrazol-5-yl)phenyl-, hydrochloride (1:1) (CA INDEX NAME)



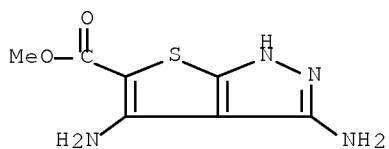
● HCl

RN 139299-18-6 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid, 3,4-diamino-, methyl ester,
 hydrochloride (1:1) (CA INDEX NAME)



● HCl

RN 139299-19-7 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid, 3,4-diamino-, methyl ester
 (CA INDEX NAME)

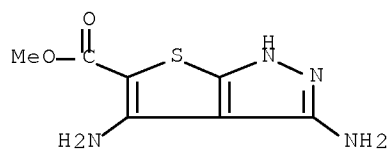


RN 139299-20-0 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid, 3,4-diamino-, methyl ester,
 sulfate (2:1) (CA INDEX NAME)

CM 1

CRN 139299-19-7

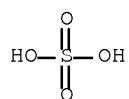
CMF C7 H8 N4 O2 S



CM 2

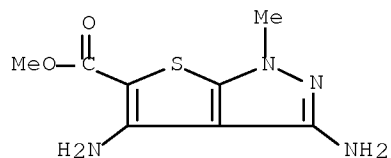
CRN 7664-93-9

CMF H2 O4 S



RN 139299-21-1 CAPLUS

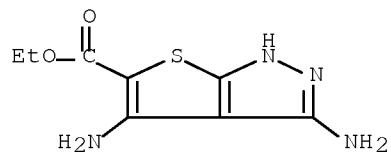
CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid, 3,4-diamino-1-methyl-, methyl ester, hydrochloride (1:1) (CA INDEX NAME)



● HCl

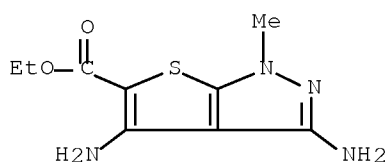
RN 139299-25-5 CAPLUS

CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid, 3,4-diamino-, ethyl ester, hydrochloride (1:1) (CA INDEX NAME)



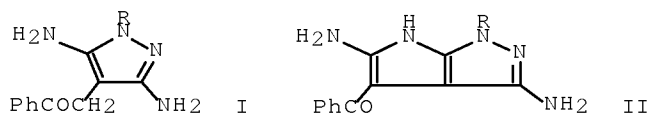
● HCl

RN 139299-27-7 CAPLUS
 CN 1H-Thieno[2,3-c]pyrazole-5-carboxylic acid, 3,4-diamino-1-methyl-, ethyl ester, hydrochloride (1:1) (CA INDEX NAME)

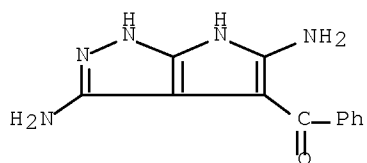


● HCl

L3 ANSWER 22 OF 22 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 1987:4942 CAPLUS Full-text
 DOCUMENT NUMBER: 106:4942
 ORIGINAL REFERENCE NO.: 106:927a,930a
 TITLE: Nitriles in heterocyclic synthesis. A novel synthesis of 4-phenacylpyrazole and pyrrolo[2,3-c]pyrazole derivatives
 AUTHOR(S): Abdelrazek, Fathy Mohamed; Erian, Ayman Wahba; Hilmy, Khalid Mohamed Hassan
 CORPORATE SOURCE: Fac. Sci., Cairo Univ., Giza, Egypt
 SOURCE: Synthesis (1986), (1), 74-5
 CODEN: SYNTBF; ISSN: 0039-7881
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 106:4942
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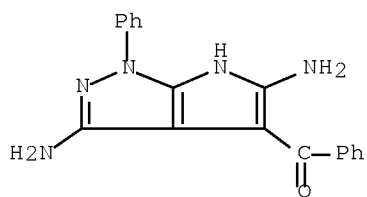


AB PhCOCH2CH(CN)2, prepared from PhCOCH2Br and CH2(CN)2, underwent cyclization with RNHNH2 (R = H, Ph) to give pyrazoles I, which were treated with Cl3CCN to give pyrrolopyrazoles II.
 IT 105576-69-0P 105576-70-3P
 RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of)
 RN 105576-69-0 CAPLUS
 CN Methanone, (3,5-diamino-1,6-dihydropyrrolo[2,3-c]pyrazol-4-yl)phenyl- (CA INDEX NAME)



RN 105576-70-3 CAPLUS

CN Methanone, (3,5-diamino-1,6-dihydro-1-phenylpyrrolo[2,3-c]pyrazol-4-yl)phenyl- (CA INDEX NAME)



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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

STN INTERNATIONAL LOGOFF AT 09:59:16 ON 13 JAN 2009